

Antelope 1962-63

RECORD

7530-222-3525
FEDERAL SUPPLY SERVICE
(GPO)

Man who runs sonar (or one of them) asked me if I had a book on fish sounds. Wish I had. Navy should have such things about. Also text of oceanog. so boys would know where their taking of bathythermograph readings "heads-in". All he get how to operate instruments, but ultimate use, or usefulness of operations or of data seems never to imparted to them.

Groove in map handles to be $\frac{1}{4}$ inch deep
 $\frac{9}{16}$ wide

Poblette rigged fish lines, hooks and leaders, floats of tin cans and ^{red} painted wooden blocks & buoy lines. WTS for for traps. A busy helpful and resourceful man.

Had his men paint cans blue and number them for bottom samples

Spooked tern took up in Museum

Income tax deduct 2.00 a day

Jan 5 - 31 Feb 1 - 28; Mar 1 - 14

Encyclopedia of Knots and Fancy Rope Works by Raoul Graumont and John H. Nensel. Cornell Maritime Press (4th edit) 1952, Cambridge, Md.

November: Atlantic 105 Anniv. Issue p. 70 "The Mayan Mystery" Arnold Raynboe. Tikal p. 71 says "hard won surplus" grew enough in 3 mos to work in temples other 9 was it hard won.

Photographic office - Commander - U.S. Naval Support Force - Antarctic Room, 2020, Bldg "D" 6th and Independence Ave. S.W., Wash 25, D.C. OX-6-7164 or OX 6-7146 Code 11 and XT 6-7146.

To get: Chart 6639 H.O. Waldo L. Schmitt
Climatology of McMurdo Sound U.S. National Museum
U.S. Navy Weather Research Facility Washington 25, D.C.
Building R 48, U.S. Naval Air Station His Book
Norfolk 11, Va. N.W.R.F 16-1261-052, Dec. 1961

Technical Rep.

Seasonal Oceanographic Studies in McMurdo Sound, Antarctica. Willis J. Dressler 11 August 1962; \$1.20
G.R. -125, U.S. Navy Hydrographic Office, Washington D.C.

H.O. Publ. No. 705

Oceanog. Atlas of the Polar Seas

Pt. I, Antarctica, 1957 (reprinted 1958)

U.S. Navy Hydrographic Office, Wash. D.C. \$2.50

Naval Research [Reviews] Sept. Dec. \$1.50 per yr.

"Alert" No. 2. "Freedom and you" [Part of Defence]

"Facts for the armed forces"

Armed Forces Information (booklet with film) FFIF

Fault should have definition of proletarian 120
and any others? ? Not in dictionary printed before 19

H.O. 130 old superseded edit. has key to birds

Guillermo Mann Fischer 150 ways to play solitaire
Jorge Alvina Walker Alphonse Moysse Jr. U.S. Play Card Co.
Walterio Looser

Revista Marina No. 137, Marzo Abril 1947 pp 201-217

Early man's Sci Amer. article

Electronics man Rogers wants letter to Berk
Frisbie writer who married and settled down in Tuamotu's Gook's true and realistic descriptions of Polynesian

Berk has standing etc. Gave off hand erroneous statement about air field at Hope Id mention with "authority and conviction" that there was a mile longer or mile and some do

Handbooks of Sauna = DSIR 2 recent hand books =

(Hexamethylamine-tetramine)

"Hexamine" = Hexamethylamine N.F. (C₆H₁₂N₄)
F.W. 138.194

Books to get:

Continental Cans

Miller and Willock (Allen & Unwin) pp. 76+78 particularly

"Is it good English and like matters

by John O'London

2/6

Lots of Limericks

Louis Untermeyer (W. H. Allen London, 1962

"Sea Swallow" Vol. 10, 1957 p. 18-19

N.Z. Journal Science Vol. 4, No. 3, 1961, pp. 664-68

Miller, R. G. "Notomnid Fishes from Cape Hullott."

Whats New in Magic by Walter B. Gibson.

Harvard House, Garden City, N.Y. 1956, ©

A treasury of British Humor, edit by

Morris Bishop. In it see particularly

Conard-McCann Inc. The Birdkin Family by Archibald Marshall

New York © 1942

New Yorker

Sept. 29, 1962

Antiques & walking st. line

& Soaked in Seaweed by Stephen Leacock.

Oct 6 1962 Coffee from helicopter to mt climbers

Return to the Wild by Norman Carr. 1962 © E.P. Dutton & Co. Inc.

June 30/62 Peace Corps

Aug 62 Readers Digest (from) Negroes in America (Fortune)

November Atlantic 105 Anniversary Issue

p. 70 - Arnold Toynbee

The Moynan Mystery

- Tilsal -

p. 71 Hard men surplus

harder after all

Whats wrong with Vocational schools

People in trades make as good a living as clerks.

All time M.L.King has devoted to testing how should be devoted to raising level, what a greater crusade it would be. Note struck in above article is fine suggestion, but needs to be driven home, realistically & practically or white white collar worker.

see Woznikowski

marked 12/6 Geo. Allen & Unwin Ltd London 1963

These letters are but few that were written; carbons on tablet should be inserted Dec. 4-62 Dear Sammy, in this book or notes contained in them Here we still are, I hardly know

what to write. In the hotel they moved me to a single room on the second floor a bother because I'll only be here another day or two. Tomorrow or the next day I move in with Jack Crowell at Eddie Goodall's place. I did not go out Sunday with Jack because I wanted to see the Museum director G. A. Turbot, and a Dr. Stonehouse who has been up on the Palmer Peninsula where we are going or expect to go. Stonehouse was due last night at 5 o'clock but did not return on the plane. I had thought he was on vacation but he's down at McMurdo.

The weather is as I wrote before. The present is the more rainy season and though it's summer we get temperatures in the low 40's at night, and in the low 60's (63°) at midday if the sky clears by then and the sun comes out. There is no heat in these rooms or this hotel except the hot water tap and a fireplace in some of the rooms. There was one in the double room we had but none in the cubicle I am in now. I am sitting here writing on my lap because there is no table and bureau top is too high, wearing my heavy blue jacket and 2 spreads white, and red one. Yes, I am plenty warm, but at that the room is colder than out of doors, at least when I go out after breakfast.

One other reason I have not yet moved out of hotel is that Eddie Goodall's place is way out by the airport and the busses that go by his place run 45 mins apart in busy-rush hours - and 1.10 hrs

Dec. 24 1962

Weddell
spelled
waddle

1200 70° 26' 7" S 174° 40' E 3 seals

1230 70 26.7 S 174 40 E 2 seals

1430 1 seal

0115 4 seal

Dec. 25

0115 68 16 178 52 2 seals

Jan. 7 1963

1430 50 36 S 173 44 W 6-10 penguins

1522 50 40 173 40 W 6-10 whales

Jan 12 1960 68° 10' S 120° 50' W 1 whale

2005 20-24 2 penguins

2054 68 06.1 120 04 W 2 Adelies

1300 68 03 119 40 1 Emperor penguin

1555 67 14 S 113 50 W 1 Weddell Seal

13 Jan 67 46 114 07 1 seal

2200 66° 50 S 110° 20' W 1 seal

0835 66 10 3 110 10.3 1 seal

0850 66 10 13 S 110 10.3 W 3 seals

14 Jan 1615 67 26 S 107 20 W 1 killer

1430 67 26 93 37 W 1 seal

0210 67 26 93 37 3 penguins

Jan 16 537 69 10 59 30 W 1 Emperor penguin

0755 66 57.5 S 72 37.8 1 seal

1042 67 00 71 35 1 seal

18 Jan 11 11 67 00 S 71 35 W 1 Leopard Seal

27 Jan 11 12 65 04 S 63 52 W 5 seals

28 Jan 1411 2300 2 penguins 1 (Ltly Beam)

apart during day. Most of yesterday I spent in the Public Library here checking up on Antarctic animal & biology literature. I want to go back at least another day to check over some of the reports of earlier expeditions. I had intended doing this at home and would have done so except for that darn moving. I hate to think of what I have awaiting me back at Museum.

Too bad that mail is going to be so little and far between. Now take this one. If I send it home Phelma will have to forward it, but at that it will just about reach you when you get to California. There is nothing much else to write about.

Here at this hotel the meat is mutton most all the time but they do have a fish course and now and then pork and chicken, of course eggs for breakfast almost smothered in bacon strips, not crisp fried either. I try to have them bring me only one strip, but they seem incapable of doing it, or just want from force of habit. The hot tea at 7 am served in room is not so bad - in a fairly cold room. However the water runs hot and hurts a comfort.

Maybe at Eddio's place over the week end I have a little to write on. Next week if we still are here I shall try to get in a little collecting. I'd hate to be here a couple of weeks and not have a New Zealand crab for the Museum collection, but nothing is hardy, and the few "tools" I brought are so tied up in warehouse at airport that I can't well get at them. They are also too well packed to undo for fooling around here. // Also I am afraid I'll have to let Christmas buying go over. The snag is the chief problem after trying to think of what's to buy. I do hope you are keeping "weller", getting over that too worried spell. It will be nice to see Barb and the kids again. Lots of love girl first to you and for me rest to the old man - waddle

| | Dec. 1962 | | | Sea | | | Wind | | (Knots) |
|-----------|-----------|------|------|-----|-----|------|------------|------------|---------|
| | Max | Min | Av. | Max | Min | Av. | Av. Direct | Prevailing | |
| 15 | 29.2 | 17.5 | 23.4 | 29 | 29 | 29 | 9 | N | 28 |
| 16 | 27.4 | 17.3 | 22.5 | 29 | 29 | 29 | 9.4 | N.N.W | 19 |
| 17 | 23.2 | 16.5 | 19.9 | " | " | " | 19 | ESE | 37 |
| 18 | 23.0 | 17.5 | 19.9 | 29 | 28 | 28 | 35.3 | ESE | 50 |
| 19 | 28.9 | 19.0 | 21.6 | 28 | 28 | 28 | 11 | E | 26 |
| 20 | 28.0 | 21.8 | 24.8 | 29 | 28 | | 8.3 | N | 13 |
| 21 | 33.2 | 22.6 | 28.4 | 32 | 30 | 30 | 8.1 | N.N.W | 15 |
| 22 | 34.6 | 27.2 | 31.1 | 33 | 33 | 33 | 4 | N.N.W | 10 |
| 23 | 37.8 | 29.6 | 32.2 | 33 | 32 | 33 | 7 | N | 16 |
| 24 | 35.0 | 29.0 | 31.5 | 32 | 32 | 32 | 29.1 | N.N.W | 53 |
| 25 | 40.5 | 34.5 | 36.8 | 34 | 32 | 33.5 | 33 | N | 42 |
| 26 | 43.2 | 38.1 | 40.8 | 42 | 37 | 39 | 17 | N.W | 22 |
| 27 | 49.5 | 41.4 | 46.2 | 47 | 42 | 44 | 24 | W.N.W | 33 |
| 28 | 53.0 | 49.5 | 50.7 | 48 | 47 | 48 | 23.2 | W | 27 |
| 29 | 56.0 | 53.2 | 54.6 | 56 | 55 | 56 | 10.5 | SW | 14 |
| For month | 56.0 | 12.5 | 27.8 | | | | 14.0 | | 50.0 |

| Time | Lat | Long | |
|--------|-----------|------------|---------------------------|
| 14 Dec | | | |
| 0640 | 77° 22' S | 165° 48' E | approx 100 Adelines |
| 1020 | 77 00 S | 165 40 E | 2 killer whales |
| 1020 | " " " | " " " | 57 penguins |
| 20 Dec | | | 100 Weddell seals basking |
| 1235 | | | |
| 23 Dec | | | |
| 0000 | 77 22 S | 165 43 E | 1 killer whale |
| 0337 | 77 2 | 165 43 E | " " " |
| 0540 | 76° 40' S | 166° 43' E | 3 " " " |
| 0630 | 75° 40 S | 167° 20' E | 4 " " " |
| 0920 | | | 2 " " " |
| 1645 | 74 32 | 171 27 | Finback whale |
| 2000 | 73 42 S | 173 15.5 E | 2 killed |
| 2040 | 73 30 S | 173 51 E | 2 whales |
| 2240 | 73 30 | 174 40 | 2 killed |
| 2330 | 73 30 | 174 40 | 1 killer |

15 Dec 62

Dear Stummy, Here we are in Antarctica at McMurdo. A bright and sunny day; there are puddles of water, ice-edged to be sure in the streets (such as they are of volcanic ash largely; and no colder than a crisp winter day at home; maybe a little more crisp about 47° this early a.m. and now at 8 p.m. it is 18°, the same as at noon. We are in the land of the mid-night sun. The sun is high in the heavens, and as bright as the clearest day at home at mid-day.

Oh! yes from the shore as far out as you can see a sheet of snow covered ice over which the tractors plough back and forth hauling supplies from the ice wharves where the planes land about 3 miles from the Station proper. // Quite a place and honestly it doesn't feel as cold as the thermometer has it. We sleep two

do to the speeding past

in about an 8x8 room, one not above the
other bunk bed style with a fair sided head
locker, one ceiling lamp, & one chair. The
sleeping accommodations are quite prima-
tive — the meals on the other hand quite
lavish — meat twice a day, and a hot
plate of beans on the side at lunch and
dinner ~~the~~ day. Dessert at lunch
today was bread pudding with raisins, at
dinner a square of chocolate cake with
white icing. The coffee seems quite good.
Canned milk does not stand up well, tends
to separate they say, and so cream is used
instead. We have to walk about half
a block, or is it a block to the toilet facilities.
There are no showers — "sponge
baths" ~~are~~ what is served here. I got a-
bout 4 hrs sleep in the plane and
am beginning to feel sort of dopy. To-
morrow the mail goes out so I shall
try to send this and a few cards. A
pretty one to each of you in Coronado.

[illegible]

Gee Stummy, I should have sent you
out to Barb's before I left. Please don't
feel apprehensive about money matters or
Barb, or me either things will work out al
right. I believe I get \$12 a day per d
for the days we are not either on a ship
or at his station. Of course I had
pay the hotel, but I shall get the per d from
which will more than offset it. Then I
should get the \$1,800 on top of that. It
will more than cover all the bills and
some besides, and that is not taking the
"pay" checks into account. Stop worrying.
It looks as though I shall come through alive
to plague you the rest of our days. And
don't worry about Barb until you see for
yourself this time out Nebe.

Bob had about Ruth. Ob think after all
these busy years that she had to run into
this trouble whatever it is. // The Seifels
send me a ^{Xmas} card! Be good Stummy
we aren't going to be so badly off.
I'll check over those taxes when I get home.
Love girl and them some kids

Dec. 16/62
Dear Stummy, Today we had snow a bit
slurry this a.m. a bit of a let up and then
with lunch more through the rest of the afternoon
and supper perhaps till 7 or 8. I got off
a number of Xmas cards including one to
Dick.

This was an earlier letter, before the unfinished one
above. The part that got carboned read as follows
"You may not think that I know what I am doing,
but we are utterly dependent on the Navy. Today I want
to get Xmas cards; it's finally come to the point where
I get them, or not. The question is to whom to send
them and how many. If as the bunch here is doing
I would get U.S. stamps on them which we can do from
here out but here is the thought that folks would
expect N.Z. stamps. That decision I want make
till I get cards written. As is always the case, we
are having unusual weather, the summer has sud-
denly descended upon us - after all the cool weather
I have been complaining about in the 40's and 50's -
day before yesterday was in mid 80's and yes-
terday it was over 90! Believe it or not, today the
temperature is back more to normal summer tem-
perature. When it's cool here it's delightful, when it's
chilly, not so good. When it's hot, it is pretty hot &
uncomfortable, you want to move along."

NEWSBREAKER

USS STATEN ISLAND AGE-5 A SPECIAL EDITION 3 FEBRUARY 1963

EXTRA!

EXTRA!

EXTRA SPECIAL!

EXTRA!

EXTRA!

JUST IN CASE you've missed some of the news we've been making on this cruise, here's a recapitulation, based on the Situation Reports of CTG 43.1 (Cdr Price Lewis). If you desire, you may keep this as your record of the Palmer Peninsula trip.

FROM: CTU 43.1.1
TO: COMNAVSUPFOR ANTARCTICA

5 JAN -- Embarked in STATEN ISLAND. Posit 43-35.7S 173-02.0E. Broke Pennant in STATEN ISLAND 042123Z. Departed Port Lyttelton 042200Z. Enroute Palmer Peninsula with USARP party on board.

5 JAN -- Posit 46-57.5S 179-10.9E. SOA 14.0. Course 126 for point 60S 150W. Will make decision whether to continue course to edge of pack ice or change to proceed in more easterly direction based on future weather.

Saturday 5th 63

Quite a skip here to January 5, 1963. This day we cast loose from the dock at about 1030. Clear warm day, moved slowly along, while stb. launch came along side to be hoisted ~~and~~ a-board. There had been a host of visitors a-board. Eddie Goodale and Jack Crowell went up to Captain's quarters, may be for pictures when Tom Berg. showed me to get customs declaration filled out, about 3d me I've done since coming to N.Z. If pictures were taken ~~missed out~~; If not ~~missed out~~.

After lunch the skipper had us in for a staff conference about man power needed for our various operations. Some 7 or 8 men will be assisting or rather taking over the collection of specimens. This being Sat. and tomorrow Sunday the Engineer Mr. Gunningham said see me Monday morning which I shall.

Jack Crowell said temperatures down below must have been nearer a hundred. I guess he was right alright.

Today by comparison it is rather wonderful. Sky is grey; sea is modest. Some white caps; good wind; spray is flying; too chilly for a ki shirt, I have one. Parcels and room service are furnished but not soap. McMurdo furnishes soap or at least, it was around, and in plenty.

In the crews lounge or library (quite an assortment of books including encyclopedia American

College "students" Ph.D.'s afloat. Two men are supposed to be on duty each operation or separate phase of work. Often (or at least at times) only one is grounding and the other goes down to make his relief. Then without waiting to see that the unshowered man gets up and onto the job goes off to bed. [It's incredible]

Expensive gear is being towed behind, ^{needs} constant watch and attention, yet when ship shifts or changes course, after gear (or magnetometer) is endangered & then lost, a guy in charge of it blames the bridge for not notifying him of change - "they did not tell me."

Seems as though an alert man would realize change of course, also of engine vibrations would sense at least some change requiring instrument care or retrieval. Much the same happens when wind direction dial in lab fails to register; student in aghast, I don't know what's wrong, I can't get wind direction or

force, a practical or experienced
man could look outside a cabin
through port & form an estimate
as any old sea dog knows.

[Now I know why Coast guards
officers are trained in sailing
ships - to get practical experience
and to be able to form personal
credible and accurate determin-
ations of wind, weather & sea conditions.

It would seem that any college
text book-oceanographer should
~~serve~~ have an internship w/ Coast
guard Acad (however limited
before being entrusted with valuable
equipment, & and hard to re-
place gear & instruments.

No body would let down freshman
of college operate an ism, unless
such interns experience, yet these
Ph.D's are turned loose ~~into~~ without

any first hand real practical know
ledge, & when talked out by one
who knows the sea, they resent it
because many have had no college
training & thus many is almost
lost is needed more than ever
to "teach" these guys things they
need to know, but drink, and
what's worse feel they know
better because of text book knowledge
& the degree they have, a Ph.D.
never made a man out of what
wasn't. A sense of responsi-
bility seems lacking, they lose
a valuable pc. of gear too often
the attitude is "what the hell," cos
did not come visibly appreciated
out of their personal pocket.

Elmer Kennedy spending - never worked
- day in his life - what a defeat
Instead of man on duty with
gadgets going down to wake
next man on duty, they should

are correct & accurate? After afternoon
calibrated? & checked.

Jan 6 - Sunday Surf temp. in
a tin spring ft. can, water dredged
up, can on deck in high wind, &
thermometer stuck in it for a while
& then pulled out & read in open
air.

worked till 11 o'clock at night readying
Friedman - 50 ~~000~~ gear buoy line not rigged
right, in face of storm, in am put it over
after argument with deck, when luck left
some to go forward.

Gray did some thing off Greenland lost buoy late
at night in once of bad weather

Isaac Kidd Trawl. said Ray knew how
to handle gear & when it came to shore
down did not. & lost it; expense
gear.

Lamar Lab turned over buoy rig with
gadgets but was not in real working order
for N.S.F. El Tassin to develop & perfect (sort
of putting me over)

| 1963 Air Temperature | | | | Sea Temp. | | | Wind (knots) | |
|----------------------|------|------|------|-----------|------|------|--------------|------------|
| Jan. 5 | | | | Max. | Min. | Avg. | Av. Peak | Prevailing |
| | Max. | Min. | Avg. | | | | | |
| 6 th | 60.2 | 56.8 | 58.7 | 62 | 57 | 59 | 23 | 26 |
| 7 th | 57.2 | 51.0 | 53.1 | 57 | 53 | 54 | 11.1 | 18 |
| 8 th | 56.0 | 50.0 | 52.8 | 54 | 48 | 51 | 17 | 25 |
| 9 th | 50.2 | 42.4 | 47.5 | 48 | 44 | 46 | 24 | 30 |
| 10 | 41.2 | 36.4 | 37.9 | 43 | 39 | 40 | 21 | 29 |
| 11 | 38.0 | 33.0 | 35.3 | 38 | 32 | 34 | 23 | 35 |
| 12 | 35.8 | 31.8 | 32.8 | 32 | 31 | 31 | 16 | 21 |
| 13 | 34.8 | 31.0 | 32.4 | 31 | 29 | 30 | 21 | 30 |
| 14 | 34.6 | 30.2 | 32.4 | 30 | 29 | 30 | 17.4 | 27 |
| 15 | 35.4 | 31.5 | 33.8 | 32 | 30 | 30 | 22 | 29 |
| 16 | 34.8 | 31.5 | 33.1 | 31 | 30 | 31 | 20 | 32 |
| 17 | 36.4 | 32.8 | 34.3 | 31 | 29 | 31 | 25.8 | 35 |
| 18 | 37.8 | 33.8 | 35.4 | 33 | 31 | 32 | 21 | 34 |
| 19 | 33.0 | 31.0 | 32.2 | 33 | 30 | 31 | 22.5 | 41 |
| 20 | 35.4 | 32.3 | 33.4 | 30 | 30 | 30 | 4 | 12 |
| 21 | 38.0 | 22.5 | 34.8 | 34 | 30 | 32 | 5 | 11 |
| 22 | 34.5 | 31.4 | 33.0 | 35 | 31 | 33 | 9.9 | 18 |
| 23 | 38.1 | 31.2 | 34.9 | 34 | 31 | 33 | 15 | 30 |
| 24 | 46.2 | 33.1 | 38.1 | 35 | 32 | 33 | 19 | 63 |
| 25 | 36.0 | 31.1 | 32.7 | 34 | 34 | 34 | 17.2 | 34 |
| 26 | 39.4 | 31.0 | 34.0 | 34 | 33 | 34 | 6 | 25 |
| 27 | 42.0 | 34.8 | 37.0 | 34 | 32 | 33 | 9 | 21 |
| 28 | 39.0 | 29.6 | 32.0 | 33 | 32 | 32 | 11.8 | 20 |
| 29 | 36.0 | 29.0 | 31.5 | 32 | 31 | 31 | 5 | 10 |
| 30 | 32.0 | 28.8 | 30.2 | 32 | 31 | 32 | 9 | 18 |
| 31 | 35.0 | 30.5 | 32.4 | 31 | 31 | 31 | 6.8 | 14 |
| 31 | 41.0 | 31.0 | 33.6 | 33 | 31 | 31 | 5 | 9 |

No. of obs. with precipitation. 18

For month 60.2 28.8 36.6
Miles steamed in Jan. 4235.0 miles
For Feb. Mammal record see page facing Feb 1/1963

Direction on top of Peak gust
Prevailing below
Sund. Jan. 6. 1963.
6 JAN -- Posit 50-11.8S 174-37.3W. SOA
13.5 kts. Enroute Palmer Peninsula.

Here we are bustling along at a great rate 14 knots, slightly overcast weather, trace of white caps, some slight spray coming over, and an invigorating breeze, and stimulating temperature. The roll of ship is slight no more today at least than on a Hanabde yacht. No one could ask for better weather (working in bals.) Christchurch is 59° water temp. 50.9°. At 4 p.m. as most of the day it is, and has been most glorious weather, for sun, not too cold wind, easy sea with waves of only one and two feet in height you might just as well be cruising the coast of California. What is the air temperature here no higher. There is little to do aboard. Rearranging things. Tomorrow we have a session with the engineer a Mr. Cunningham to get traps in shape, to build perhaps a dredge, and to fix up a piece of pipe for taking bottom samples, and oh! yes a rack to have a few Berlese funnels in which one dries out land and bird nest debris to recover any insects that may be hiding in it.

| 1963 | Air Temp | | | Sea Temp | | | Wind | |
|-----------------------|----------|------|------|-------------|-----|----------|---------|-----------|
| | Max | Min | AV | Max | Min | Av | Prevail | Dir |
| Feb 1 | 37 | 32.5 | 34.1 | 33 | 32 | 32 | 5 | E |
| 2 | 39.2 | 34.1 | 36.6 | 35 | 33 | 33 | 2.2 | N.9 |
| 3 | 41.2 | 35.1 | 38.3 | 35 | 33 | 34 | 0.8 | E |
| 4 | 39.5 | 35.2 | 37.3 | 34 | 34 | 34 | 1 | E |
| 5 | 44.0 | 36.0 | 38.8 | 34 | 34 | 34 | 8.6 | N.N.W |
| 6 | 40.0 | 32.0 | 36.2 | 37 | 34 | 34 | 8 | N.E |
| 7 | 37.0 | 34.5 | 35.3 | 36 | 35 | 35 | 10 | E |
| 8 | 38.0 | 33.5 | 36.0 | 35 | 33 | 34 | 10.2 | W.S.W |
| 9 | 42.0 | 34.9 | 38.5 | 36 | 34 | 34 | 8 | SW |
| 10 | 37.2 | 31.2 | 34.4 | 35 | 34 | 34 | 2 | S |
| 11 | 36.0 | 31.2 | 33.3 | 34 | 33 | 33 | 4.8 | N.E |
| 12 | 39.4 | 32.6 | 35.8 | 36 | 34 | 35 | 11 | N.W |
| 13 | 38.1 | 33.8 | 35.9 | 35 | 35 | 35 | 11 | N.W |
| 14 | 37.0 | 31.3 | 33.8 | 36 | 31 | 34 | 8 | ESE |
| 15 | 32.4 | 29.0 | 30.5 | 32 | 30 | 32 | 19 | SSW |
| 16 | 34.6 | 25.0 | 29.2 | 31 | 30 | 30.5 | 12 | SSW |
| 17 | 35.0 | 24.3 | 28.2 | 31 | 30 | 30 | 8 | N.E |
| 18 | 32.8 | 28.0 | 30.8 | 31 | 29 | 30 | 20 | SSW |
| 19 | 34.0 | 27.2 | 30.4 | 30 | 29 | 30 | 17 | NNE |
| 20 | 36.0 | 30.0 | 33.7 | 32 | 30 | 31 | 18.3 | N |
| 21 | 37.7 | 33.0 | 34.5 | 32 | 31 | 32 | 22 | N.E |
| 22 | 36.6 | 31.9 | 34.8 | 34 | 31 | 33 | 16 | Northerly |
| 23 | 34.2 | 30.9 | 32.8 | 35 | 33 | 34 | 8.1 | E |
| 24 | 36.5 | 31.0 | 33.6 | 35 | 35 | 35 | 7 | NNE |
| 25 | 37.0 | 33.0 | 35.1 | 35 | 32 | 33 | 12 | W |
| 26 | 38.6 | 31.4 | 34.3 | 35 | 34 | 34 | 15.5 | E |
| 27 | 37.4 | 34.0 | 36.0 | 34 | 33 | 34 | 24 | N.W |
| 28 | 33.4 | 28.0 | 32.7 | 34 | 33 | 34 | 17 | W |
| For month | 44.0 | 24.3 | 34.3 | | | | | |
| Miles steamed in Feb. | 15 | 36.7 | | | | | | |
| | | | | 165 mammals | | | | |
| | | | | sighted | | | | |
| | | | | | | Max Wind | | |
| | | | | | | 36 | | |
| | | | | | | AV | | |
| | | | | | | 10.95 | | |

I mentioned meals. Breakfast choice of fruit (2) juices, cold cereals, eggs, ham and bacon, steak, waffles, hot cakes, honey or syrup, toast, coffee and while it last fresh milk 3x a day, tea also, and I suppose cocoa if you ask for it. No meals there were canned peaches for dessert and for last night's dinner N.Z. ice cream. Oh! yes above was mostly about breakfast. Lunch you may have soup, sandwiches of various kinds including hamburger, steak also. Dinner meat again - chicken one night. This Sunday morning had home made coffee cake (cinnamon cake), and other day delicious hot, glazed rolls. One could not fare better any where. McMurdo was plentiful, a bit more in the rough and ready style but good and varied; here with more finish and table cloths, linen napkins, instead of paper. Spent quite a bit of time bird watching. It is a treat to see the albatrosses, soaring high and low after the ship, and faster too; going along side they zoom ahead with the greatest of ease. I thought they did the light in the water; but when the garbage goes over they seem readily to do it. Cape-pigeons are about in limited

| March | | | | Sea | | | Wind direct | | |
|-------|------|------|------|-----|-----|----|-------------|-------------------------|------|
| Air | | | | | | | Av | peak direct | Peak |
| Day | Max | Min | Av | Max | Min | Av | | | |
| 1 | 34.6 | 27.4 | 30.9 | 35 | 31 | 33 | 9.7 | S.W SSW | 25 |
| 2 | 34.4 | 30.1 | 32.3 | 33 | 32 | 33 | 3 | Must, NW ENE | 16 |
| 3 | 36.0 | 29.7 | 32.8 | 35 | 33 | 33 | 23 | Northerly N.E | 45 |
| 4 | 32.0 | 24.2 | 28.7 | 34 | 32 | 33 | 13 | ENE S ENE | 20 |
| 5 | 26.8 | 23.4 | 25.6 | 32 | 31 | 31 | 21 | ENE " | 36 |
| 6 | 36.1 | 24.8 | 31.9 | 37 | 32 | 35 | 12 | Easterly E.S.E | 25 |
| 7 | 41.2 | 33.0 | 37.4 | 45 | 37 | 41 | 21.6 | SSW SSW | 29 |
| 8 | 51.0 | 41.8 | 46.1 | 48 | 45 | 46 | 30 | N.W NN.W | 53 |
| 9 | 56.0 | 50.0 | 52.7 | 54 | 48 | 51 | 28 | N.W NN.W | 44 |

numbers - half a dozen albatrosses do ever³
 Cape Pigeon or two. Dad said he saw
 a small petrel of another species, but did
 not know what it is. Our room is now
 cooler, really comfortable. We each have a
 large double width steel locker, a bureau
 type of desk with three big drawers be-
 low and two (side by side) smaller ones a-
 bove, and a flat top with raised margin
 for storing things above. The safe in
 my desk as in Captain McDonald's we've
 left to the young ensigns I guess, or maybe
 lieutenants who had to vacate for us, ^{Platz}
 the only bad feature of the deal. Capt.
 Mac is photoing this and that all day, is
 doing a Nat'l Geographic Mag. story of
 the trip. So we may see some of our
 doings in print some day. For the
 first time I attended the movies on board,
 Sunday matinee ~~wasn't~~ followed by
 the "Undenables" ^{codee} is available at
 all hours in the ward room where we eat, I
 believe I heard that in that room 10
 gallons a day are put away including ~~that~~
 drunk our meals ^{me} of 14 the first with

7 JAN — Embarked in STATEN ISLAND. Pos-
sit 53-15.2S 167-37.0W. SOA 13.7.

which I am and a second of 16. Jack Crowell ⁴ (4)
Comdr. Lewis, in charge of his task force chow
with the Capt. Jack representing the N.S.F.
Capt. McDonald and I the two "hired" (so to
speak consultants) eat in wardroom with
the executive officer. The C.P.O's have
the cosiest mess of all. Think of it there
are some 200 men and officers aboard!
Here tonight about 9³⁰ there is more of
a roll to this ship which as all ice breakers
is supposed to have a bad one. So far
so good — but we have been enjoying ex-
ceptionally fine weather. Monday Jan 7/63
~~At lunch time the Capt. came down and told~~
helicopter pilots he would like them to take off
at about 2 p.m. for a flight around the ship,
for getting photographs. They did take
off about 2:30 first the little 2 bladed one with
flares and then the larger one (3 bladed)
On return smaller one had to "wait" about till
larger one was hoisted. // Blue lights flash
inside and out on decks one is then not supposed
to open any of the doors with a result that
you are either shut in or out of your room
except by rather round about path up
and down several "ladders." Operation
safely completed about 4 p.m. I

suggested to Leonard, the navy photo ⁵ he like the blue & white flag. Murtis raised halfway when copters are taking off & all way when new land(?) I did and also near in asbestos suit when stands by in case of accident; boat crew is also in launch in readiness to be lowered if need be.

Saw Mr. Cunningham in charge of engineering dept. re draps, and stand for sunbels.

One blue light did not flash, but nobody noticed.

January 7, 1963 Monday. Crossing the International Date line 2 days in succession are Monday. Re 7/6

This today is the second Monday. Warm outside 52° and before and during part of breakfast period a light rain. Stopped about 7 am. (bet 6.30 and 7.00)

Birds seem to be only the wandering albatross, younger, and intermediate stages but still great birds. Yesterday forenoon saw at least one giant petrel among the albatrosses. ~~They have been more, probably, were.~~

Position Monday Jan. 7, 1963 (1st)
 50° 10' S. 175° 30' W.
 Monday Jan. 7, 1963 (2nd)
 Lat 53° 15.25' / 167° 37.00' (W)
 07/08,00
 52° 50'
 171° 00'
 60 S - 150 W.
 dist. 673 n.

Jan. 7, 1963 (2nd). At 6 tonight we close (6) of first table seating. They stopped ship to dry out a winch that had been overhauled during the day. Tom Berg told me of it just before supper and I was quite unready for it. In first place poorly rigged net one I picked up at McMurdo, was told wasn't being used and that I could have it. It was fairly coarse mesh. Anyway bosun's mate would not trust snap hooks and tied line and net bridle. There were only 2, & I gave one to the third. Anyway we got it over the stern made a five minute haul and got a surprising number of copepod, one small one brilliant red. There were several rest several all one species. Is Station 1, Jan 7, 63 (2nd)
Lat 54° 05' Long. 165° 42'. Surface, 5 mins. Net.

8 JAN -- Posit 56-29.2S 160-13.0W.
SOA 13.5.

Jan. 8 Tuesday
We are moving along approaching half way to first landing, or rather side to be investigated is getting by Invers Id. The sea is getting by this morning and got worse this afternoon. Spray is coming over in gusts, over starboard side and we

Keep to the inside passages ^{which means} going up and down ladders (stair ways to you) from one compartment to another from main deck to one just below where our (McDonald's) and my room is. There are watertight doors to go through but nothing like those on our deck, those you have to step over only about 4 ft high and what? 2 feet? wide. The deck below ours there are 3 to 4 foot square hatches securely bolted down, with a circular hatch perhaps two feet in diameter through which the men having business lower down in the ship slip. ^{the roll is considerable} I had coffee in Captain's cabin with Commander Lewis after looking over charts and channels leading around Arivers I. Capt. is up in bridge deck where you certainly get full effect of rolling. Had to hold coffee cups off the table. In the wardroom where we eat they put a rubber mat like expanded metal lath on the table; nothing then slipped but for our chairs there were cloth belts that fastened to metal loops along edge (below top) of table.

run through the arms of ones chair the belt keeps chair from sliding or falling away from side when it rolls, or from tipping over with you in it. Lunch we got by with handsomely. Dinner may be more of a problem. I am trying to eat less to keep from getting too fat and lazy but he coffee me. One sumer is "frightful". Did I not say earlier that some me said in wardroom it was 10 gallons a day? I had had a cup in wardroom just before Captain took us up to his cabin. And then did not like to pass up his offer to have me with him second cup in quick succession it was this afternoon. A different bird showed up today, but I did not want to risk getting field glasses wet down so let it go. Did I mention that we put a dinner over that I had picked up at McMurdo over? We got a vial full of copepods - at least two kinds - and every body aboard was awfully interested from Captain down. Dr. offered use of his 'scope when I first came aboard but he said with engines going, & ship vibration it would be impossible to see anything he's right. First time at anchor we'll have a demonstration. We have two quite sick men aboard one

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with a severely ulcerated (abscessed I mean) throat, other with some other infection, both with high fever. Poor devils with all this notion. So far I am getting along, as have my fingers crossed — should be ~~knocking~~ on wood I guess. // Jan 9/63 Wed.

9 JAN -- Posit 59-44.1S 150-53.6W. SOA
14.0 kts. Enroute Palmer Peninsula.

Last nite on going to bed moved clocks (and I my watch) forward an hour. Up at 5:45; breakfast at 6:30. Out on deck till 9 am. Then to room. Located barbers shop. Made few notes re McMurdo. At one o'clock Mr. Leonard Navy phot. wants picture of me pouring water through plankton net we used yesterday. He was busy taking the bathy-thermograph raising and lowering that he did not get the plankton net episode but wants it in his picture series. So we shall have to pose for it today. The bathythermograph is a torpedo shaped gadget towed astern which registers the temperature from surface to bottom on a gold plated pc. glass — a curve on a depth scale.

10 JAN -- Posit 62-46.4S 142-06.7W. SOA
13.7 kts. First berg sighted 62-24S 144-20W
Have passed about 50 small bergs since.

Here we are Thursday Jan 10, 1963. 5pm⁽¹⁰⁾
It got pretty rough yesterday, ditto today.
Ship was rolling from 20-25 to 30 degrees.
Had one roll of 38°. There may have
been a worse one or two last night. But
everything is going well regardless, the
spray is leaping and falling aboard in great
sheet. The wind is fierce and cold - 33°
with ice bergs going by off and on.
Jack Crowell tells me at one time 11 were
in sight mid afternoon. I was culling
through the British Admiralty sailing
directions yesterday and today because
there was not much else you could do
and that was something I did not
get to do before I started. At 4:30
quite a spectacular, though smaller berg
went by, at one time looked like a
monument or temple on a platform.
I missed sun shining on it while
running for camera; the pilot house to
which ~~the~~ ^{the} ~~resort~~ ^{resort} is high up
and ~~has~~ ^{has} lots of inside ladders to
climb. The rocking back & forth (the rolling)
is a nuisance but not too bad.

Jan 10 contd (11)

There has been a steady procession of icebergs past us both sides all day long. We do not have gear or time to stop them. Some are the typical table top (flat-top type) character is the typical Antarctic bergs, others pinnated, and others irregular masses of ice.

11 JAN -- Posit 65-31.8S 133-26.0W. SOA 12.0 kts. Small belts of pack ice at 64-48S 134-00W. Proceeding in open water on course 130 deg T. 170 bergs last 24 hrs.

Jan 11 - 1963

Inspection of quarters this morning noon at 1:30 p.m. All morning were passing through ice patches, larger and smaller pos, and few ice bergs going by all day - quite a sight, snow off and on docks have patches of it here to here at 10 p.m. Really it is 11 o'clock because we moved our clock's ahead another hour. I failed to do it last night, and I had an hour to spare went on deck to watch the ice go by. 10:30 p.m. tell the truth we are passing the ice, but it is what seems to be going by. Through these miles, hours of drift, ice they steer by the engines first one then the other, or one faster than the other instead of with the wheel. Now and then here is a real bumper

(Friday - Jan 11 - 63) (12)
 Thump as we strike one of the larger pcs.
 of floating ice; some must be 20 or 30 feet
 square (or in extent). All morning, every
 body was photographing bergs, one seemed to
 be more soil than ice. — one could almost
 imagine people living on it. Another tall
 originally tubular one had a great arch
 or natural bridge in it a pretty sight.
 I put on my "long johns" as Jack calls them
 this morning. That how obviates the putting
 on & taking off of heavier clothing every time
 you step out of doors. Temperature is like
 McMurdo \pm , 35° this afternoon. We are
 back in the all-nite sun area again, though
 you can't see much of it in the heavily over-
 cast sky. Tonight we have been out
 just about 8 days and have a couple of
 more to go. This overcast weather ^{and go on for days} ~~capt.~~
~~McDonald~~ says is the rule in Palmer land
 one also fixed up an account of my life,
 a sort of press who ^{sun in for 10 more days} for the other a week.
 ship's paper. One of the Dr. L's runs the
 paper had has interviewed each one
 of us civilians aboard. I'll try to get an
 extra copy or two (just for ducks?)

12 JAN -- Posit 67-48.0S 124-59.0W. SOA
11.9 kts. Reached area of 5/10 ice cover-
age at 67-48S 126-42W. Proceeding east
through edge of pack. Block and small
bergs sighted, mostly northern edge of pack.

Running through ice cakes Saturday Jan 12/63 (13)
all day. Ship
bucks, and trembles as she hits and overrids
them. Most of day heavily overcast, snowflur-
ries too, one ~~large~~ after another. One ball
of sharp ice crystals thus stung the face, one
crystal struck me on the eye ball, a sharp sting.
Not and then an ice berg of considerable size.
As I write this at 9 p.m. the ship is still
climbing up an ice-pans and shuddering as
they break ^{to} either side and she plows on again.
All this is done at half speed sometimes less,
which will slow up the whole trip, but Mar. 15
is still the day we leave Palmerland for Valparaiso.
(7 p.m.) While up in pilot house with glasses saw
a snow petrel dive into the water - go completely
under and come out again and fly on.
could not see what it might have had in
bill - imagined it had - but it did go in
water, just before that it skimmed water
to pick up something and got half wet.
Then at 8 p.m. a black-headed petrel flew
by underparts grey or white ~~with~~ black it
seemed. Most of day heavily overcast
visibility poor. Had sun ^{through} for 2-3
hours in mid afternoon. Temp at 8:30
32° F.

13 JAN -- Posit 67-14.5S 122-14.0W. SOA
10.7 kts. Proceeding through edge of pack.
0 to 5/10 coverage. 5 to 20 ft thick block
and small floe, heavy snow cover. 70 bergs.

dozen snow petrels

Birds feeding on ice shelf of berg

Ice berg All around ^{at} noon till 2 p.m.

Blue streaks in ice berg stratified

but helicopters out

From 1:30 ^{a.m.} to 2:45 p.m. bread an $4\frac{1}{2}$ cup
coffee ~~on~~ ~~midday meal missed~~ ~~end of~~ ~~brunch~~

Sunday we have brunch 8 ^{to 11 a.m.} Sun. Jan 13/63. (14)
and dinner at regular time 5:20. It was a
bright sunny day till mid afternoon. Temp.
was up to 35° though, with clouds, and a
real heavy but of short duration snow fall
the temp. quickly dropped to 32°. About
noon we steamed around (all sides) a large
snow white stratified berg, 85 or more feet
highest part (can calculate size from this I
guess) Everybody phoned it, Capt included.
This was while helicopters were both put in
the air to scout the ice fields. We were still
among the floating ice cakes and small bergs,
plenty of ice in all directions interspersed with
not too wide space of water with sparse
masses (cakes and fragments) of ice. The
Sundustic shapes but these eroding masses
of ice (cakes that is) too was amazing.
Chunks from 2 to 3 feet up to 6, 8, 10
feet long or square, or half as wide.
One looked like the Fran + Ollie characters
heard here like a huge bear with most realistic
and animals all caught ones eye,
as characteristic of the animal sug-

gested as if it had been sculpted ^{Sun. Jan 13/63 Galt (13)} border.
A few like a mushroom, or podish table,
almost any thing in any ^{like} human, animal,
inanimate object was there to see and con-
jecture about. These were all fragments
of 7 to 8 foot thick ice. This evenings
ice cakes were thinner, newly formed ice
after the heavier moved out to sea.

The evening sun at 8 hung in a leaden
sky, over the ice strewn waters. Hope it
turns out. I'm leary of all my sea & ice
shots. Hope I've hit exposure right. Largest
berg in dim distance, in late cloudy afternoon
was $1\frac{1}{2}$ miles long! The 85 foot ^{one} was ^{maybe}
a little shorter. We also saw a $\frac{3}{4}$ mile long
one 65 feet high. Presumably the big rock-
angular, tubular ones for which the Antarctic
seas are renowned. Remind me of the NZ
trip to the South Shetlands where I saw a
still larger one, but do not remember ever
seeing so many cakes, pans (or patches) of ice in
that trip. Miles & miles of ice. Helicopters flew out
20 miles, and reported that it looked, that
we would soon be free of it but isn't this the
third day (Friday, Sat. & Sunday) ^{we make miles Fri} Sat. — , Sun. —

14 JAN -- Posit 67-25.8S 101-19.9W. SOA
12.5. Ice coverage 0 to 5/10, 110 bergs
last 24 hours.

15 JAN -- Posit 67-30.8S 92-14.0W. SOA
13.- kts. Proceeding along edge of pack.
2 year ice 9/10 coverage 10 to 30 ft thick.
Enroute directly for Palmer Peninsula from
edge of ice field. At 67-33S 93-16W.

Photos of icebergs on Jan 15, last 2 or 3 at
least 8 p.m. others during day which after
sunlight ones was heavily overcast and snowy
and as dark (or as light as it is at midnight)
as midnight is when clear at McMurdo
(light is as when clear like McMurdo again)

Jan. 14 Monday 15
Bright clear just few clouds in sky
floating ice - lots of bergs round about. Could
be anywhere on high seas except ships in place
of bergs - sea of the best in looks behavior
and apparent temperature. Of course the morning was
too nice to continue about lunch time the clouds
began to gather, by mid afternoon the "usual" (so
it seems every day) the leaden sky took over and
scattered flakes of snow blew about, and with
obscuring of sun it got raw cold and chilly.
Antarctic Petrel flew about, and silver
grey (fulmar) passed at rather widely
spaced intervals. Saw an ice berg estimated
to be over a 100, possibly 187 feet high.
After passing the ice "pack" or drifting broken
ice patches, spent most of late afternoon
evening, night, and this morning Jan. 15
on fairly calm open sea with icebergs
of various heights and sizes from small
to immense, mile long or more, at any
time when visibility was good could count
over a dozen in sight at one time. Jack
said he saw 3 whales, and the same fellow
blow 3 times about 4 p.m. but visibility
struck to nothing about that time too.

Jan 15 at 2000 HRS Position

67° 31' S } More ice.
90° 30' W }

January 15, 1963 (16)

Up at 530 this am. Went to the host, and had breakfast at 7 am. Down to write this, and most of preceding page. Discussion of Mc.M. do (Mc.M. do) Archie Nash said. See Mc.M. history

This has been a more cloudy day than usual, but we had a smidgin of sun in the morning, except for icebergs, a dozen or more in sight. All the time we ran on a smooth sea then suddenly a tough mass of ice - broken ice field. I don't know how large showed up. After a while of working through it Capt turned back to go around it so that by 4 p.m. we

time. (Peter the first) as had been planned by the Captain, a visit really beyond the scope of our present mission. At 500 the Capt. called us in for a conference to line up (organized) our shore visits to the different possible sites. Lasted through first dinner session so, I ate at second table. Snows off and on, and I suppose through the night. It will now be Friday before we get to Anvers Island the first and on paper the most promising sites. Also our departure date from this end of the world is now March 6. Every time we turn around it is a day less.

16 JAN -- Posit 66-28.0S 79-39.0W. SOA
13.0 kts. 90 bergs. Enroute Palmer
Peninsula.

Wednesday Jan. 16/63 (16)

Temp this a.m. 8 a.m. 35° Quite clear, warm
following sea, good wind from aft. following
sea / sooty Albatross? Silvergreys numerous
Cape pigeon one on two while I was on deck, and
several snow petrels. Walked about a bit.
Looked after fish lines, leaders etc for Poble & Co

Dredge is too big. I asked for 2/3's size
Not so brisk in afternoon as usual started
clouding up. Get to Anvers Id area to-
morrow nite. \pm Tom Berg wishes to

climb mountains - would jeopardize whole
trip if something happened. Phil Smith put
him on, but is former Wisconsin man.
Helicopter pilot gave us briefing on survival
gear, Mae West vests, floats for hoisting us aboard
flares, life raft on which we sit in plane, and
how to behave when hits water, or crashes on
land.

A note on 15th Jan. Leonard undertook to
photo penguin plate in Alexander Pearce Birds
Some of bergs photo'd should definite wind
sculpturing, like dunes in New Zealand,
Indiana, or Arizona? (These last wind sculpture
Mr. Cunningham Chief Eqs have only seen in
will fix water pipe for tower) Pictures

17 JAN -- SOA 12.0 kts. Arrived Adelaide Island. Conducted air recon west side south to British base. No ice. Marguerite Bay for 15 miles. To south. In view good ice condition intend recon Marguerite Bay including visit British base, U.S. hut at Stonington. As low passes will proceed to north with improving weather.

Fossil Bluff is
500 miles south
of Adelaide Id.

Jan 17, Thursday '63 (17)

This morning 7³⁰ (up at 7 hour late for me, an ice free sea as of the moment no ice berg in sight; temperature 36°. Now at 9³⁰ it's 37°. Our weather man Malin Koski, "Ski" they call him says in by N. End of Adelaide Id toward which we are heading to make our first land fall at base of Ardachi Pen. we shall be running into bad weather ^{and} snow and meet up with ice. He said also radar showed an ice deck up ahead. On deck there is great looking over board stores. One has to be prepared for eventualities, if you get wrecked, smashed in inshore ice, and/or bad weather descends you may be on your own for several days, till storm blows out, visibility comes back. In a so called white out you are lost completely, - impossible to see where you are going ~~and~~ ^{or} should be going. Pobleffe has traps all rigged ready to go. Shall be putting out 3 traps first time around. Right now depth is about 250 fms are rapidly getting onto continental shelf. On reaching the 100 fm line we turned out a bit running down toward Marguerite Bay.

Thursday Jan 17/63 (18)

The helicopter took off at and ~~could~~ Larger machine had returned in high wind @ The rolling ship, after deck difficulty in landing on where helicopter rest was fitting from side to side in a rather ~~for~~ bidding fashion. After a bout the 4th try the men on deck manage to get chocks under wheels and attach several stays or guys. Deck has look of eyes hinged in pockets for securing them. The third try the helicopter almost slipped backward into the sea, as the men in the wind and ships motion could not make eye contact with the plane fast enough. The two ~~light~~ over the deck before amounted to little more than "passes" Wind was up to 32 knots at the time or better. Now 6:20 PM it is blowing harder and snowing. Capt "Mac" thinks it will be too windy for work in and about Marguerite Bay. The plane are heading for this minute. Helicopters sound the Bay practically went free ~~so~~ but where we head then laundry - and did the ship roll, at least 40° now at 10 PM. They have changed to another less rolling course. Things were all ^{small including lights} over the deck, laundry in laundry room too, and quite a bit of water came through cracks in ill fitting outer doors. Ship's library (crew's lounge) was just about awash.

The Antarctic low causing this gale, ~~which~~ ^{which} (19) waves with spray virtually blowing over ~~the~~ ^{the} ship travel around the Antarctic continent, clockwise, where we are west to east, one after the other. We sort of came into this one and have to let it get ahead of us. ~~It is a~~ ^{West} ~~day~~ ^{rest} ~~stayed~~ ^{at the way} ~~the~~ ^{So} ~~Peninsula.~~ ^{But} ~~There~~ ^{is} ~~is~~ ^{always} ~~another~~ ^{another} low coming along. ~~Hope~~ ^I ~~I~~ ^{can} ~~get~~ ^{get} ~~a~~ ^a ~~copy~~ ^{copy} of today's weather map as drafted aboard based on radio information from the other Antarctic stations behind us of which McMurdo is the principal one. The laundry was a shambles, I picked up a lot of stuff to keep it from getting wet from water running back and forth on deck. It must have been from one of their machines. With the changed course we at least can get some sleep. No I haven't even felt squeamish yet; got my fingers crossed.

420

Friday, 18th - The roll last nite went to 43° toward
bed time roll stopped. Down below decks Capt
Mac thought the quieter running was due to
change of course, but it turned out he
next morning that we were ~~in~~ in an
ice field far as you could see in any

18 JAN -- Hove to in edge of pack 20 miles southwest of Adelaide Island in low visibility for 12 hrs. Landed at "T" British base. Made photo survey of area. Proceeding to anchorage one mile off southern tip Adelaide Island. USARP and beach recon party to work area and consult with British expedition members. Intend remain at anchorage one day to meet requirements USARP reps.

Almost lost helicopter over side w. roll of ship. A bit previously went astray because of poor visibility - got headed in direction opposite from one it was supposed to take

On ice seals penguins

43° roll - broken ice.

Helicopter over again in recon 4:30 to 5 pm

19 JAN -- Anchored 1 mile south west of British base on southern tip Adelaide Island. Conducted survey. Obtained much additional information on general area from members of British expedition. Underway at 192330Z. Proceeding in open water to Rothera Point, Adelaide Island for site survey that area. Reported as having aircraft landing area on ice piedmont accessible from beach.

direction. There were seals & Friday 18th 63 (18) scattered about, Crab eaters the capt^{Mac} says. He also saw one leopard seal which he describes as being ever so much larger than the others, and with a head and neck suggestive of a dingo. Seal holes we saw - but they seemed small for a seal to emerge. Only once did I see a group of 6 or 8 with a couple of smaller individuals (not pups but certainly younger than most of those we saw. Though cloudy, foggy, snowy they would be lying on side - almost belly up - as he Capt^{Mac} said enjoying the sun - certainly it looked as though they might be basking in the sun. One could see where it was. Weddel 18th 63 he tells me we have not yet ^{been} seen. ~~Jan 19 Saturday~~ Yesterday evening we put out our traps, but what a time we had doing it. ~~Capt^{Mac} of English~~ ^{Base} came out from Adelaide Main Base - a Comdr. Dixon leaving Art Nash behind. When their boat came out to get him, and we who were ahead, in boat to sound out a shallow place to drop traps 3 to five fms were recalled to follow Engimen's boat in to ascertain landing at Avian Id for the morrow. Well we waited couple of hours for them to leave the Staten Id. and then we had engine

and could not follow closely. They ^{put down} just disappeared from sight but did come back after a time. Then we set traps and it was near midnight (11 o'clock plus clocks moved up an hour, so it was 2 p.m. before I got to bed after picking downer haul.

Up at 5.55 to get dressed and breakfast to go ashore at 7 a.m. Spent 1 hr. at Avian Id working over rocks close to shore debris from under them and lichen on rocks over and above them. Next hour

ashore we spent at main base Adelaide I while Rose climbed to top of Beacon Hill & Rose got a few more lichens, and some of dead limpet shells, one had a lot of dead serpulid tubes on it, would like to get live ones. Also some lichens at base of flag pole.

Ice is moving in around ship this afternoon; while we were ashore they had to shift position of ship, without hoisting anchor to avoid one bog that was drifting down on ship. We are moving to see another possible site here at 3 or 4 so we have to pick up traps at 2 p.m. (which is 25 mins away)

Jan. 19/63

Stopped making carbons for here at (20)

Avian Id. approaches require particular navigation, place is itself a rich area but water supply & indeed ~~steps~~ ~~steps~~ would be a problem now use bergy bits tent colony, & on rocks Penguins close at hand but undoubtedly would become harassed by presence of many people is now survey camp. Limited level area - plenty of rock upon which to build.

Avian Id. Birds: Skuas, all nesting. Blue shags, cormorants, Dominican gulls, Adelines.

Traps: Starfish, ^{2 sp} nemerteans, amphipods.

Main base like wise rocky excellent for building, as result of which have. Its proximity to Avian Id gives them plenty of opportunity to study bird life large colony of shags

fresh water pond with Branchiopoda, mosses and lichens in considerable abundance

Good building, excellent in case of one man weather shack, and generator house new.

20 JAN -- Anchored 1 mile northeast Rothera Point, Adelaide Island 67-34.0S 68-05.3W. Conducted geologic, biologic, and engineering survey Rothera Point area. Sounded and plotted approaches, anchorage. Located islands and rocks in area, aerial photo coverage of sea approaches and site area obtained. Located and marked boat landing. Made five mile traverse up ice piedmont taking slope measurements of possible aircraft landing site and approaches. All USARP base survey requirements area golf completed. Northern half of Marguerite Bay still nearly ice free. Making geologic collection flights to anchorage and Leonie Islands while en-route out Marguerite Bay plus flight to British base. Proceeding to Anvers Island

Jan 19 & 20/63 (21)

Site rocky, too uneven cannot enclose much shelter for small boats.
Proximity to good air port ^{is always} a great asset

Wonderful lot of material for geologist
mosses lichens ~~at Rothera~~
seen from across above penguin
very (35 p. in Tom Berg moss)

If You're Seeking The Untrammelled, Here's the Chance

They've finally done it—opened up the Antarctic to tourists.

Veteran explorer Capt. Finn Ronne of nearby Maryland will lead the first Antarctic expedition for tourists into the deep-freeze on a tour announced by Lindblad Travel, Inc., of New York.

Departure by Avianca jet from New York will be Jan. 11, and if you're really interested in getting away from it all, space is limited. Passengers will board the Argentine Navy's 50-passenger motorship Lapataia at Buenos Aires and head for Tierra del Fuego, southernmost city in the world, and a number of scientific stations in the Antarctic.

Round trip prices range from \$2,800 to \$3,000 — and that includes parka with hood, pants, boots and mittens.

Lindblad Travel, Inc., No. 1 East 53rd St., New York, has details.

thena PR. Adelaide Id. Jan 20/ 1963

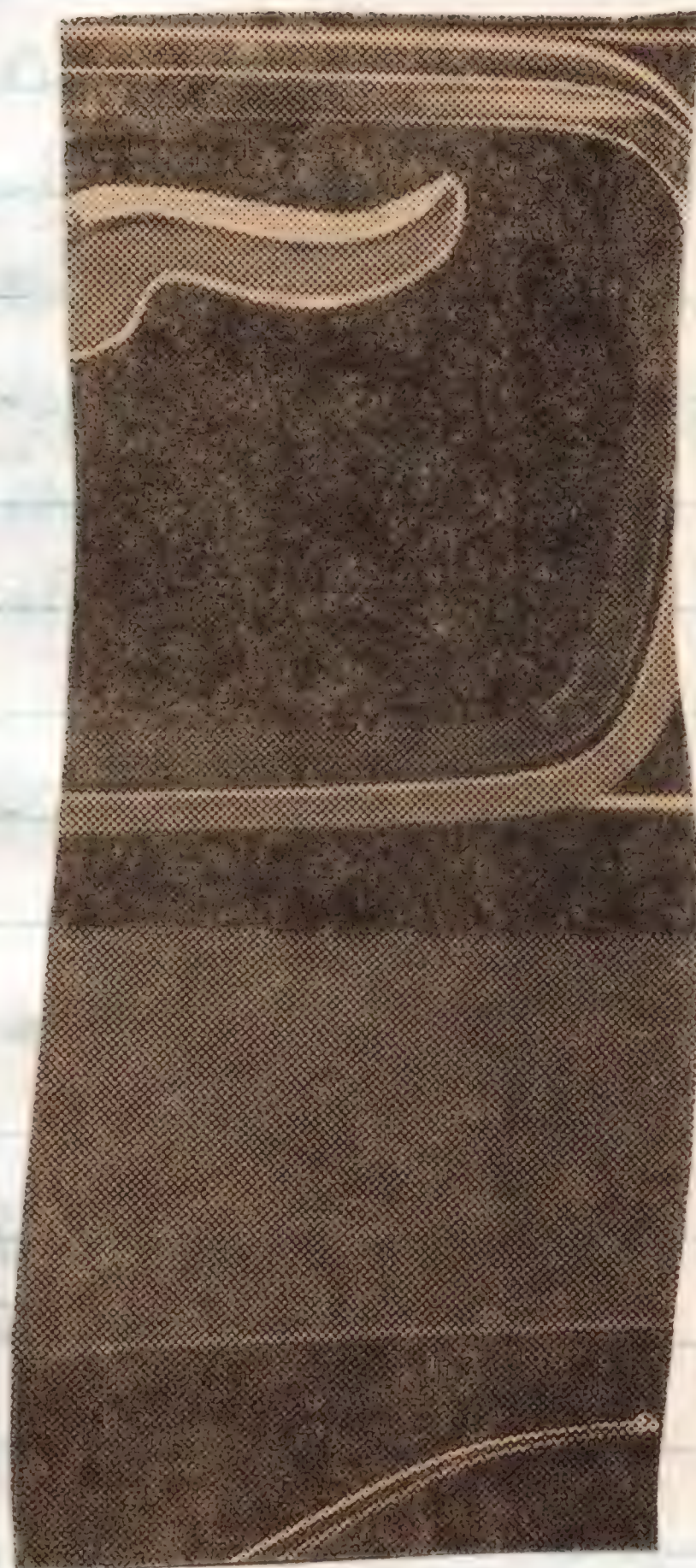
is building site ^{seems} is excellent large open ground in saddle between hill and ~~mountains~~. a ridge to forms back ground.

anding is a bit rough had to be holds in to about 4 feet compacted snow (ice? crystals) to get surface, landing craft was needed

from (that's possible)

Birds: Terns Antarctic (Arctic) nesting, eggs, chicks, and noisy
Tom Berg got pictures close up of terns
Terns black remarked had bright red feet and bills, just like Arctic he said. ^{what is} ~~Antarctic~~ ^{Arctic} tern.
Color description fits. Ornithologists have made ^{sep. species?}
This bird is breeding here.
Thomas had an interesting experience

20 JAN -- Anchored 1 mile northeast Rothera Point, Adelaide Island 67-34.0S 68-05.3W. Conducted geologic, biologic, and engineering survey Rothera Point area. Sounded and plotted approaches, anchorage. Located islands and rocks in area, aerial photo coverage of sea approaches and site area obtained. Located and marked boat landing. Made five mile traverse up ice piedmont taking slope measurements of possible aircraft landing site and approaches. All USARP base survey requirements area golf completed. Northern half of Marguerite Bay still nearly ice free. Making geologic collection flights to anchorage and Leonie Islands while en-route out Marguerite Bay plus flight to British base. Proceeding to Anvers Island



Jan 19 + 20/63 (21)

Site rocky, too uneven cannot enclose much shelter for small boats.
Proximity to good air port ^{is always} a great asset

Wonderful lot of material for descent from mosses lichens ~~at Rothera~~
~~all~~ taken from rocks above penguin rookery (3 sp. in Tom Berg moss)

Rothera Pt. Adelaide Id. Jan 20/ 1963

As building site ^{seems} excellent large area open ground in saddle between rocky hill and ~~mountains~~. a ridge to right forms back ground.

Landing is a bit rough had to put toe holds in to about 4 feet consolidated snow (ice? crystals) to get on surface, landing craft was needed (indispensable)

Birds: Terns Antarctic (Arctic) nesting, eggs, chicks, and noisy. Tom Berg got pictures close up of terns. Terns black remarked had bright red feet and bills, just like Arctic he said. ^{what is} ~~Antarctic~~ ^{Arctic} tern. Color description fits. Ornithologists have made ^{sep. species?} This bird is breeding here.

Thomas had an interesting experience

with Skuas. When he dodged they even flew lower, young were hit a bird but older ones throwing rocks seems to deter them. ~~Adelie~~ penguins are scattered about said he saw what looked like a penguin rookery but deserted, just a few birds about.

perhaps 2-3 dozen 30-40? in all
 We saw 2-3 here and there on ice cakes, compared with dozens on small bergs off "Adelaide" & Adrian Id.

I recall being asked about a gull that flew by, I believe it was here, it was a dominican gull (so plentiful at Adrian Id.)

Amur rears
 would be by

We left suddenly and unexpectedly neither I nor men concerned with them got out after traps which were ordered. I was not asked or consulted. Had planned a second low net haul. Was it to get away for Tom Burkes flight to Jenny Id. if we had gone later he might not have been permitted to make

He did not tell me he ~~surge~~ he said ~~he~~ ^{he} didn't have time ^{to} ~~clear~~ ^{clear} it. Should he not have cleared going with Jack Crowell. He had been getting me lichens and mosses but his time did not said he had no time but pilot said if he had known I wanted them would have gotten them. Tom just forgot is kindest way to look at it but I was as disappointed as hell. ^{should have said but he} The chance is a life time. He brought back a piece of rock in plastic bag & could have put moss in with it said that ~~he~~ ^{it} was plentiful there.

Jan 20/21/63

Spent most of last evening and today getting samples of moss. Tom Bergie collected for me, and mine run through Berlese funnels. I have a lot of not wonderful stuff. hope that I can continue to get some specimens this way. Traps are not coming through as I had hoped, though I am getting ^{few} bits of small stuff.

My

21 JAN -- SOA 9.4 kts. Departed Marguerite Bay for Anvers Island 202300Z. Conducted geologic collection flight to Jenny Island. Picked up outgoing mail from British base. Proceeding to Arthur Harbor, Anvers Island for site survey that area. ETA 221400Z.

22 JAN -- Anchored 500 yards north of Bonaparte Point, Arthur Harbor, Anvers Island. Anchored in Arthur Harbor, Anvers Island 221500Z. Conducted preliminary survey, starting detailed survey. Remain same area.

Jan 19
Tuesday 22/63 (24)

Got away at eleven o'clock, ~~2:30~~ 2:30
Anchored coming into Arthur Har.
Beautiful place, finally got away in
boat assigned to me at 11 a.m.
and had to wait till then 10 min.
while cooks made up 8 lunches for
boat crew and canisters of coffee.
Then made a tow net haul on
way to find seal for bait came up
where one on little ice cake, and
Mr. Thompson shot it through head.
Boys flipped over & skinned it.
Potlitter wanted skin & I the
skull. Then tied it along side
& set traps after adding piece
seal meat. Made another
tow net haul 5 mins. ~~up?~~
at 2 p.m. or ~~two things~~ ^{two things} ~~earrings~~ ^{earrings} ~~up?~~
~~we took up seal to ship~~
Got seal out up and in large can
skull was badly shattered, brain all
out. Cooks (chief) heard of our mess came
aft for a piece of meat, & gave me a
pe for dinner it was excellent. I
must get a part of the liver, which
Jacks took up to cabin.

Jan 22/63 (25)

Jack brought me 200 sea weed, red
sea coral like limpets, yellow lichen & rocks &
encasing black in pebbles off a rock, pc
of grass & dirt which I should run through
funnel!

On way back for setting traps in 20±
spms. the wind began to increase in
force and sure enough about supper time
wind began to increase (reached 61 knots
(miles an hour). The second "Willi-
wah" in my life; first was in Tan

Bay, Alaska during 1940 crab investigation.
Slater 'd dragged anchor & Capt
kept moving ship forward to ease strain
on anchor which was ~~used~~ to be
dragging, first wind "blew" on one side
and then on other. Was exciting &
especially

But trap line on ^{large wind} cable, ice berg came
by, if we had not been under ship
I would have lost it. Then ^{that} 2 1/2 hrs.
Williwah came up. Ship moved out
to sea about time it was over, Art &
Tom with boat crew were caught ashore
And erected tent there.

23 JAN -- Anchored 500 yards north of Bonaparte Point, Arthur Harbor, Anvers Island. Conducted detailed survey northern part of Arthur Harbor area. Put to sea during night due to heavy weather with 60 knot winds. Returned to anchorage 231300Z. Continued work. Ran survey of ice piedmont approach from land. Plan conduct survey southern part of Harbor area.

Arthur Har. No Gentoos; 3 chinstraps
otherwise all Adelies

Willy Wah
evening of
22nd
January

Wildlife Survey
ANVERS ISLAND AREA
January, 1963
T. Berg

inghold. Jan. 22/23/63
I asked for air
11 ship had duns

Torgeston Id. = Adelies 6

Anvers Island - British Base Arthur Harbor

Skua
Giant Petrel
Arctic Tern

Bonaparte Point

Giant Petrel

Witchfield Island

Adelie penguin
Giant Petrel
Skua

Halfway Island

Adelie penguin

Humble Island

Adelie penguin
Giant Petrel
Skua

ADELAPIDE ISLAND AREA

Avian Island

Adelie penguin
Blue-eyed shags
Giant Petrels
Skua
Gull

Cape Rothera

Arctic Tern

With Loukey, Gentoos
I came in predominant
till Chinstraps take
over

Mangcalmirs, could not
identify because could not
spare time to scout them
or weather rice conditions
did not permit.

Adeline Arthur Mor. last stronghold Jan. 22/23/63
see how it is: Write I asked for air
slight in air, and was told ^{slip} had plans
for plane, so I said ~~I~~ forgo flight
yet I did not get the flight I under-
stood or mis-understood that I was to
have here. Tom Burke has flown about
everywhere & had a general survey of
all the outlying island arranged for
himself before I heard any thing about
it He & Lewis have been working
hand in glove, short cutting "lack".

Also I was allowed to hunt for Bm-
part PT greas (without success it was)
had no chart only ^{Jan 23} Kearney

~~Two~~ Things made me sore as hell
missing or not getting morse
from Jimmy d.i.; and not
getting a general survey flight
over the Port Arthur, adjacent
Id. area

The birds I can only report what
has been seen by others ^{Jan gave me}
most of the islands ^{promised to go} have had
no names or them, not observed
identified, I regret that I did not
see Cape Monas area. It was

what I wanted to see. I cannot
give first priority to flying other
than first day + those did not
get. Officers + Bird Seers
had Sam Berg mobilized
hel 2

Mallory saw 3 Chin strap
penguins near hut at Eng
Base. I saw many skua
+ Dominican gulls.
He had at least 12 fish in
traps + 2 caught over side.
Capt says he saw giant petrel over by Bonaventure
+ dark arguett (an albatross?) on area

Skua gulls I saw every where
and especially thick in pools above hut
base at Divers Id, also many Dominics
gulls.
~~He visited~~ ~~rookery~~ and would
assume that a chin strap penguin rookery was about
Mallory reported seeing terns I did not
see in plenty but they must be there

Wed. Jan. 23/63 (28)

Official temperature on ship was 44°F but it certainly felt warmer ashore. We all guessed it closer to 50° than that. This a.m. barometer was lowest at trip 28.03 I was told.

2 Whales, very large seen in morning from W.H.

Got away at 8:45. missed taking wind sculptured ice berg. regular chess man yesterday as we passed. sed to put traps down today, after the Willy-wa it was a needle point, narrow pyramid.

And fish in our traps and a few other oddities, a mollusk, parasitic isopod, On ship, a scorpion fish and the big eyed large mouth, feet inches long were taken over the side, also a compound ascidian, and ^{new species} ~~signified~~, another one or two was seen at surface by Jack.

Now as I think of it could they have been dislodged by fishing activities?

Lacking boat without davit, did not dredge.

Returned to ship 130 to get location of Bonaparte Point from chart as had none after that we went over to look at it but lost half hour or more while mal-

functioning boat radio was tinkered with. ~~then~~ ^{after looking over sites described by Carl} went over to penguin rookery for

Stevens and got a few ~~diverse~~ diverse by very produce lichens, clumps of soil and grass, also a few of purplish ^{coated} pebbles to

Wind blew out ice, an advantage

Ship was worried about us getting yesterday as wind was getting up and radio not working

Jan. 23 / 63 (29)

see if color had any significance

After traps proceeded to "hut base" was here from 11 to 1 o'clock, & looked at lake got some stream material, and from pools on top of bluff behind hut, ~~the~~ the lake seemed to have not much life ~~as~~ and as compared with pools had no vegetation, they were ~~were~~ choked with it.

After getting away from ship at about 2 p.m. spent next hour looking for Bonapart ~~point~~ sites, set out one trap. in to me not favorable place. in supposed Bonapart point site "fjord". at 3^{pm} went to ~~Adelie~~ penguin rookery on Dorgeson Id.

from 268ms was beds
of time pulling traps

24 JAN -- Anchored 500 yards north of Bonaparte Point, Arthur, Anvers Island. Conducted detailed survey southern part of Arthur Harbor area, approaches to ice piedmont, and outlying islands. Weather permitting plan to complete survey Arthur Harbor area 251800Z and proceed to Port Lockroy.

14 JUL 65
 This I am sure is
 where we got the
 giant kelp

Baid mess Jan 5-31
 \$56.02

Jan. 24/63

(30)

A busy day. tried to get off at 8.15, was heaver 8.30 before we got away to pick up trap set into Bonaparte Inlet in 4 hrs. It was stuck and a small berg had blown into inlet may have wedged it tight to bottom. We worked over it quite a while without success and then ~~team~~ landed party on Pt side area to walk around & view sites and birds. Few birds, one of few seal (would all desert if buildings were constructed) one of roughest rockiest places imaginable. Inlet too narrow and no wonder main ice drift to left going in is high.

We returned to ship for lunch & before going for traps at 2 p.m. Got horses to pull them, so we went back to Bonaparte Inlet.

Had to ferry shore (survey) party to inlet & transfer horse there to another point at head of inlet. headed for trap site of Id. on way photo'd ice berg with "arch".

(Here we again tackled trap we could not lift in a.m.; after an hour's work got and many losses of gravel got a much crushed hatch aboard.

25 JAN -- Anchored one mile east of Le-cuyer Point; Port Lockroy, Wiencke Island. Completed detailed engineering survey of southern part of Arthur Harbor including Bonaparte Point area. Message report to follow. Completed biologic survey. Conducted geologic survey of Humble Island. Proceeded to Wiencke Island. Plan to conduct preliminary survey of Port Lockroy area.

It had let out fish if any, but yielded a considerable number of amphipods a ~~shrimplike~~ ^{shrimplike} sea urchin size of a ~~quarter~~ ^{quarter} ~~nickel~~ (dime) just about. Got a bunch of sea weeds off a rock, & a clump of huge sea squirts, acidians.

Jan. 25/63

Sta 8/63

Today was calmer - but snowing. We got off about 8:20 to pick up our traps over by Janus Id. where it was too rough yesterday. In the two we got a total of 88 Nototheniid fishes, 40-50 were tossed over, as here were no takers, kept largest ^{ca 14 1/2 inches} & smallest and some intermediates; put in freezer made bottom haul.

Dredge haul

While we were out put over drum for dredging and scooped a bunch of mud & mollusks, & worms (hardened these with chloroform.) Kept me busy all afternoon; did labels after supper.

This must be Sta. 9 Jan. 26

20. I 6? This
me

26 JAN -- Anchored 500 yards west of Le-cuyer Point, Port Lockroy, Wiencke Island. Completed geologic and engineering survey and commenced biologic survey Port Lockroy area. Made helo reconnaissance of ice peidmonts and obtained ice cores. Visited Chilean station Yelcho. Plan to complete biologic work Port Lockroy and commence survey Dannebrog and Argentine Islands.

at South Bay Danner
Cormorants in bay
at Priest Id
Cormorants in Lockroy
bay

Port Lockroy

Jan 26/63 (32)
Saturday

Flight at 8:45 ret. around 10, saw
general area ^{sw} opposite door of helo.
Colonies are generally small, (limited
no bird
shoes, mukluks, shoes, mukluks, lunch. ^{backy} tried on suit, shoes

After lunch to Base A wandered through
building, collected list of moss
among rocks leading from landing
(not here) no birds nesting, a rocky
anywhere near. { House wet &
damp inside

Birds seen this day ^{Shewth-bills} Terns appear
Penguin Gentoo ^{once ditto}
Cormorants ^{island of} ^{skua} Hermincan ducks
Duck said he saw considerable number
number of Wilsons Petrels.

(Opportunities for bird sites very
limited in contrast to Adh. Hbr.)

This eve at 7³⁶ returned to
St. to his base. A light frost.
my & weather lights, with red lights
on one side,

(Crene de huent)
Liquor glass of it

Exquisite sunset.
Mt. in ^{collis} "tutting" it seemed
way the one of several mts was
covered in part with snow that
on it alone being surprisingly
low

Beautiful channel with but w
end blue flash as sun caught
edge of ice berg
missed shot!

Priest J. J.
Shass on 104
de Yelcho

27 JAN -- Completed survey Port Lockroy
area. Underway for Argentine Islands
271900Z. Helo recon over Charcot Bay,
Wauwerman and northern Dannebrog Islands
shows no suitable site. ETA Argentine Is-
lands 280800Z. Intend recon and possible
survey there.

Jan 27, 1963 Sunday

(34)

Boat trip to Dorian Bay.

There is a sheltered boat anchorage be-
low "Refugio" Pt. But we did not discover
channel (I yelled "skirt shore" but it was not
heeded. Were back at ship at 9³⁰

Left at 8:20 am. dropped Capt. ^{Mac} + Mr.
Crowell ^{at ship} and went on to pick up traps.

got 2 fish (Nototheniids) and a tremendous

⑧ host of ^{nemertean} ~~signified~~ worms "rove" all through trap
meshes. [lost them all boys did not take bottles out of
bag, and ~~chips~~ ^{lost} ~~lost~~

Gentoo penguins on rocks.

Stopped in After traps were lifted and returned
to ship when back to point where ~~the~~ small berg
was being calved off. Pope got a good shot of
beginning of a berg!

⑧ This jar and amphipod one were left in my bag
which "boys" took over (took charge of) and when I
went ashore on 28 ~~got~~ lid of quart jar got
broken. Then I scrubbed out mess with dock
brush. see ^{also} p. 35 re this

28 JAN -- Anchored 3/4 miles south of Petermann Island. Conducted preliminary survey Pleneau Island and made helo recon islands south including Argentine Islands. Visited British station Argentine Islands.

The mountains are ^{Sunday} 27 - 28 Jan 35
 The Le Maier Channel through which we
 passed to spent the night sloaking about at
 242 fms. no anchorage. drifting about
 this Monday morning in absolutely placid
 water. beautiful reflections. Many ice bergs
 fancy shapes all sizes (= 1) one almost spire like
 Ship floating around over deep hole in LetMaire channel.
 Enderby mountains with heads in clouds a great
 deal of time. Capt. ^{at time of boat trip to} ~~at time of boat trip to~~
 id with gentoo penguin rookery ^{Pleneau Id} to leave at
 9:55^{a.m.} which gave me about 15 mins to get
 ready. I grabbed my green ruck sack but
 Id let boys take care of and so ^{had} ~~got~~ 2 bottles
 from last fish trap haul but had not been taken
 out in bag when I went ashore naturally a
 quart jar of ~~stomach~~ ^{remnants} was one & I had
 to scrub out the bag when I got back from shore.
 After lunch similar hurry to get off in heli-
 copter at 1:15. ~~for flight~~ ^{to refugio} over Argentine
 Ids. saw place where Charcot wintered over
 in Pourquoi Pas, and English Base, with
 supply ship "Shalsteden" lying off side.
 Over glacier and Penguin rookeries there
 were a number; Thomas said he had
 seen a single Adellie among all the Gentoos
 this a.m. ^{Gentoos near shore Adellies further away}
 Birds numerous Skuas. most
 of them with head lighter gray than
 rest of body. Dominican Gulls
 very plentiful. One ~~black~~ ^{red} face
 had a lot of ~~black~~ ^{red} feathers
 circling around it.
 Birds on many of
 Ids. No traps set
 down hauls meager

29 JAN -- Anchored 2 miles north of Argentine Islands. Conducted survey Petermann Island. Proceeded to Argentine Islands. USARP party visited British station Argentine Islands.

Argentine Ids. Jan 29/1963 (Summer staff, 1962-63)

- E.C. Chinn (Base Leader, statistician)
- F.B. Potts (Senior Met.)
- ⑤ C.P. Kimber (Met. Radio Sndr)
- A. Gläser (Met. R/s Glacial)
- A. Mack (Met R/s)
- ① Vickersstaff (Ionospheric)
- C. Slater (" ")
- C. Davies (Physicist)
- A. Thorne Middleton (Cook) [Photo]
- A. Reece (Carpenter)
- C. Wade (Wireless Op.)
- T. Tallis (Diesel Mech.)
- B. Lewis (Scientific GH) (? 6H)

Galindez Id

Jan. 29/63
Tuesday

Twenty nine degrees this a.m. (29° F.) was 30 an hour before. skuas and gulls mostly standing on one leg. some sitting down, a few with both legs down, one or two flapping and soaring about.

This days orders: move to Argentine Ids at 1300.

Argentine Islands Jan 29/63
(Summer 1962-3)

E.C. Chinn (Base leader/statistician)

F.B. Potts (Senior Met.)

C.P. Kimber (Met. Radio/Sndr)

A. Gläser (Met R/s Glacial)

A. Mack (Met. R/s)

J. Vickersstaff (Ionospheric)

C. Slater (" ")

C. Davies (Physicist)

A. Thorne Middleton (Cook)

A. Reece (Carpenter)

C. Wade (Wireless Op.)

T. Tallis (Diesel Mech.)

B. Lewis (Scientific GH)

Got ashore 8:30 boat, and ref'd ship at 11 just in time for lunch. Did sight the British Base here. Feet long - 28 wide houses every thing range and generator house which hum dinger. Met Chinn, Lewis, and Lewis a bird list as follows:

ull (resident)

(breed)

(breed)

(visitor) appear in bad weather several to half dozen

(winter visitor)

(breed)

(breeds locally)

(breed)

(breed)

(breed)

(breed)

E. Chinn
ss. st Clements
Avenue
Leigh-on-sea
Essex
England

Bird man
F. Boyd Potts
110 Brackensdale Ave.
Kingsway, Derby, UK.

Fish Lumps & sardine type fish.

R.E.J. Lewis
Home Farm
Rowsham
Aylesbury

British Antarctic Survey
Argentine Ids.
Vra, Stanley, Falkland Islands

Second in command was for seaplane room 1 per

29 JAN -- Anchored 2 miles north of Argentine Islands. Conducted survey Petermann Island. Proceeded to Argentine Islands. USARP party visited British station Argentine Islands.

Argentine Ids. Jan 29/1963 (Sun)

E.C. Chinn (Base Leader, statistician)

F.B. Potts (Senior Met.)

⊗ C.P. Kimber (Met. Radio Sunde)

A. Gläser (Met. R/s Glacial)

A. Mack (Met R/s)

1?) Vichersstaff (Ionospheric)

C. Slater (" ")

C. Davies (Physicist)

A. Thorne Middleton (Cook) [Photo]

A. Reece (Carpenter)

C. Wade (Wireless op.)

T. Tallis (Diesel Mech.)

R. Lewis (Scientific Officer) (6H)

Galindez Id

Jan. 29/63
Tuesday

(36)

Twenty nine degrees this a.m. (29° F.) was 30 an hour before. skuas and ^{black backed} gulls mostly standing on one leg. some sitting down, a few with both legs down, one or two flapping and soaring about.

This days orders: move to Argentine Ids at 1300.

Got ashore 8:30 boat, and ret'd to ship at 11 just in time for lunch. Did no collecting. Visited the British Base here.

Building 128 feet long - 28 wide houses everything but general storage and generator house which Mack says is a 'hum dinger'. Met Chinn, Lewis, and Potts, got from Lewis a bird list as follows:

Dominican gull (resident)

Great Skuas (breed)

Lern [Antarctic?] (breed)

Giant Petrel (visitor)

Sheath bill (winter visitor)

Wilson's Petrel (breed)

Snow Petrel (breeds locally)

Blue-eyed Cormorant (breed)

Adelie penguins = Galapagos Is.

Gentoo (Petersmann)

Casuals, Chin strap, once an Emperor

Fish Lump & sardine type fish.

R.E.J. Lewis

Home Farm

Rowsham

Aylesbury

British Antarctic Survey

Argentine Ids.

Via Stanley Falkland

Bucks during 1964 Islands

E. Chinn
ss. st Clements
Avenue

Leigh-on-sea
Essex

England

birdman

F. Boyd Potts

110 Brackensdale Ave.

1 Kingsway, Derby, U.K.

Second

in command

was for super

room 1 per

30 JAN -- Anchored 2 miles northwest of Argentine Islands. Conducted biologic and geologic survey Argentine Islands to meet USARP requirements. Site data available. Well established United Kingdom station here. Plan to complete work Argentine Islands and proceed to Paradise Harbor on Danco Coast.

Jan 30/63

(p. 37)

Temp. 31. Barometer 28.97
Light snow, though heaviest fall (it looks) were had on this trip. Sky very grey visibility poor (helos may not fly). Greenland Cruiser slated to go to Green Id. where ^{4 acre} patch of vegetation is.
Snowed half day but by mid afternoon there was quite a strip of blue + sunshine. Just about dinner time a ~~big~~ ^{pretty} good sized berg floated down alongside ship, bunch of gulls aboard it + skuas. Missed shot that Leonard got of their flying ^{off berg} toward San-Diel as garbage was dropped in chute.
In a.m. about 10 went ashore with skipper - landed him + party set trap, I went ashore for mosses got a few baked them till midnight.
Had another drink toward 11, + returned to ship for late lunch. Capt. invited English ^{Base personnel} ~~over~~ again for movies. He bed at 10:5 a.m. up at 6:30 on 31.
The two dredge hauls this day netted, crinoid, gastropod, worms...

From anchor ascidians on stalks.

(Jan 29 Cont'd) The Base group came off last nite for movies. Instead director and ^{assist direct.} had dinner with Capt. to which I was invited at last minute, on poor information by messenger. I got dressed for 8 o'clock dinner + it was at 18:00 (6 p.m.) usual Capt's dinner hr. I was told in wardroom + it was in Cabin. After movie 3 reels ~~1/2~~ over after 10 British group stayed till near midnight, everybody had couple of rounds of coffee.

31 JAN -- Conducted biologic and geologic surveys Argentine Islands, Anagram Island, Jalor Island, Green Island, and Cape Tuxen. Enroute Paradise Harbor. Plan to conduct site survey Paradise Harbor area.

Bed at 1105-

up at 6³⁰ bathe, bed at 6³⁰ boy Thursday
Awakens me. Bright & sunny; clear space under
Go. Argent. Base for trap.

Kimber tries yesterday give me
Fish trap got nothing; toynet moderately green (rich)
Boys got seal heads for teeth.

Shores ~~quite~~ quite bare of vegetation and life =

Bright sunny warm day the kind that
makes you want to idle around longer in
a place. Britishers eat seal & penguin
meat (and I guess eggs). Shackleton came
in to pick up a man with hernia. We might
have taken him ~~but~~ and gotten him back
sooner, but it might have been out of order
in as much as his ^{Em. Thadisi.} own vessel turned back for
him. I pay reward cook with 480 candy for loan of

neg. when I accidentally find Berg with two prints.
I think he should have asked me. Surely I would not have
Passed up moss on Green Id. because back on an
ice reconnaissance slight reported much of id snow cover
description I take it is like Peterman Id, which at
this time had very little bare rock and was largely
bird rookery occupied. Most Suuna essentially
the same? Ask Gressitt.

and then he tried
to say it wasn't
the same

Customs tale cut
me out of picture
with Admiral
Jenny Ed and not
get moss

After fish trap tiffing ^{bet} 9 & 10
ret'd to ship. Dwyer made our
goodbyes to Base staff & to Gressitt.
What we returning at 10 on way back made
second more or less successful. Low net haul
the haul by the way was empty except for
a number of worms & few amphipod (4 inch) mesh

After returning to ship and changing shoes, socks and duck's bag clothing we were told that the Green Island cruiser was going to take Commodore Davis to the Green Id. a visit I had wanted and forewent because Jack reported bad ice conditions. We ~~Adelie~~ ~~staying~~ away at about 11 a.m. and went to Penguin colony on "The Lout" nearby. Picked up a sack of moss. Then we went over to Cape Tuxen. [Had to quit his scribble as it was about 2 p.m. cook turns out his morning baking and had hot donuts coming out of the hot grease at this time.]

The green lush mosses on the N. side of the Cape were something to see, great "ball" of them and smaller tufts — close together but with grooves and crevices between — like walking or rather on the uphill up the mountainous rock that forms the Cape, on feather pillows a feel I have not had since walking on the Alaska tundras about Chignik.

Puddles of melt water, lot of moss in bottom of one seemed to have no "insect" life in it at least in sample dried in funnel. — Beautiful view of mts. — moved over to Green Id about which we had "heard" so much via British Admiralty "Coast" Pilot.

Greenland cruiser trip was something! Skuas dived at me on Green Id in Berthelot Ids. Saw 20-30 ~~perhaps~~ ~~Adelie~~ ~~dragons~~ sitting on water in a close group when we swung around to get picture all dived & ~~submerged~~ ~~upped~~ and then off. Was a close huddle.

Cape Tuxen

In afternoon at dip net length
saw sea urchin, of species of which we
have frags. has seen on rocks

Mammals + Birds
Feb. 16, 1963

5 Whales seen so far (Killers)

1 Emperor penguin

4 Weddell seals

1 Whale, 1 whale, 8 whales

1 Feb -- Arrived Paradise Harbor
011600Z. Conducted scientific survey.
Visited Chilean station Gabriel Gonzalez
Videla. Continue survey Paradise Harbor
area.

Feb. 1 —

Feb. 1/63 (40)

Spent night in channel off West side
Wiendke Id. moved over to Paradise Hbr
before and during noon, seeking anchorage
in general vicinity of Chilean Base here,
Gabriel Gonzalez Videla. were told at
1 p.m. that we would have boat to set fish
trap + make downnet haul at 2 p.m.
Given boat at 1 p.m. but has 2:40 before we set off

Bay has ice cliffs round about and at this
time seems to have little room for birds
(colonies) on what there is in way of ex-
posed ground. Nice + quiet as a well
pond inside (within shelter of) round about
still, if not always ice covered island.

From cracks in glaciers bergs seem
ready to calve off at any moment. ??

of the 3 species of Penguins said to be here we
saw 2 today, Chinstrap and Gentoo.
Both on island where Chilean Base is located
It does rob penguins of ground; sites like
that are wherever a bird colony is located
Rich down net haul, all dense green

Wilson's Storm Petrel in some numbers
Shag colony, + dominican gulls are about
in numbers.

Got large jelly-fish that is Greenland crurser
died, in bucket, said they saw smaller ones near
shore.

Gonzalez Videla { Presidente Gabriel Gonzalez Videla
Air Force Base
since 1951 and protection from ^{Seas} high

Bryde + Lemaire Island offer wind shelter for
base (Lemaire) = "The strong tidal current
flowing in area prevents ice from forming
even in the winter months."

Poor anchorage
in 45 fms

Vessels have to be on alert for danger from
large ice bergs which tend to drift through
straight

Note: Would not ice bergs large or high enough to damage
a vessel, get stranded before he could reach,
or damage station?

Get Bogdanovich Rept. 1959-60

2 FEB -- Anchored in Paradise Harbor
on Danco Coast. Conducted scientific
survey Paradise Harbor area. Visited
Chilean ship PILOTO PARDO with Chilean
Minister of Defense, Chief of Naval
Operations, and other dignitaries em-
barked. Made aerial photos base area.
Complete survey Paradise Harbor area.
Routine maintenance ship, boats, and
helicopters.

Excerpts from future SITREPS will be
published in the Plan of the Day each
day.

Saturday Feb 2/ (41)

36° This am. smooth glass see ^{wind} 4 knot 163
light overcast, still a bright day.

Chilean minister of war visits as guests of
Base leaders ~~were over~~ yesterday to Capt for lunch
> sheep + chickens + stacks of hay.

At 11 p.m. tried electric light off gangway hung
down for Chilean visitors, after 6 mins, or was
it 7 took it up as no movement of any sort was
visible in water.

After 1st set at Chilean Base
Left at 8:30 am. picked up traps, went to
Cormorant rookery, saw them, and Gentos and
chin strap penguin colonies

11 am. Duck picked up a dead snow petrel, though
Pablote wrapped it up for freezing it stunk so to
high heaven that I had to discard it. Despite
stink it had died of poison washed in water from
was dead for some little time? any
way I cut it open and in gizzard ^{or} ~~for~~ and ~~desp~~
found what looked like little shrimp-head. Shall
check

Rainy day, most of day Sunday, Feb. 3 (42)
Harm again, and sea as smooth as
glass in this area. Actually, got away 10:45.
This a.m. started at 9:05, were to have started at 8:30
for Chilean Base to pick up Director* and 2nd in command.
Hugo Alvarez Pino Got soaking wet; my
red coat was dripping.
Saw boat of evening before till high
boat was 17 hrs up on rock side this evening
at 7 p.m. got off around 6 p.m.

We had engine trouble at Chilean Base (Videla) and
and so were delayed in getting to cormorant
rookery. There we landed at a very poor place
and Leonard had a fall with his camera but
said he got a few good shots. ^{water boat point}
^{with sheep & chickens}

On Base penguins seem to hang on because no
other place in Bay for them to go

11:30 ret'd to Chilean Base to pick up photos
Leonard left for names at Chilean Bay.

At 2 p.m. went back to pick up Bond off
rocks after Sat nites party, movies a-
board 1st; & ret'd men to base later

Locality?
Patera for Adelies
~~Go with Berg to Green Id~~

Paradise Bay

Feb. 4. Monday

(p. 43)

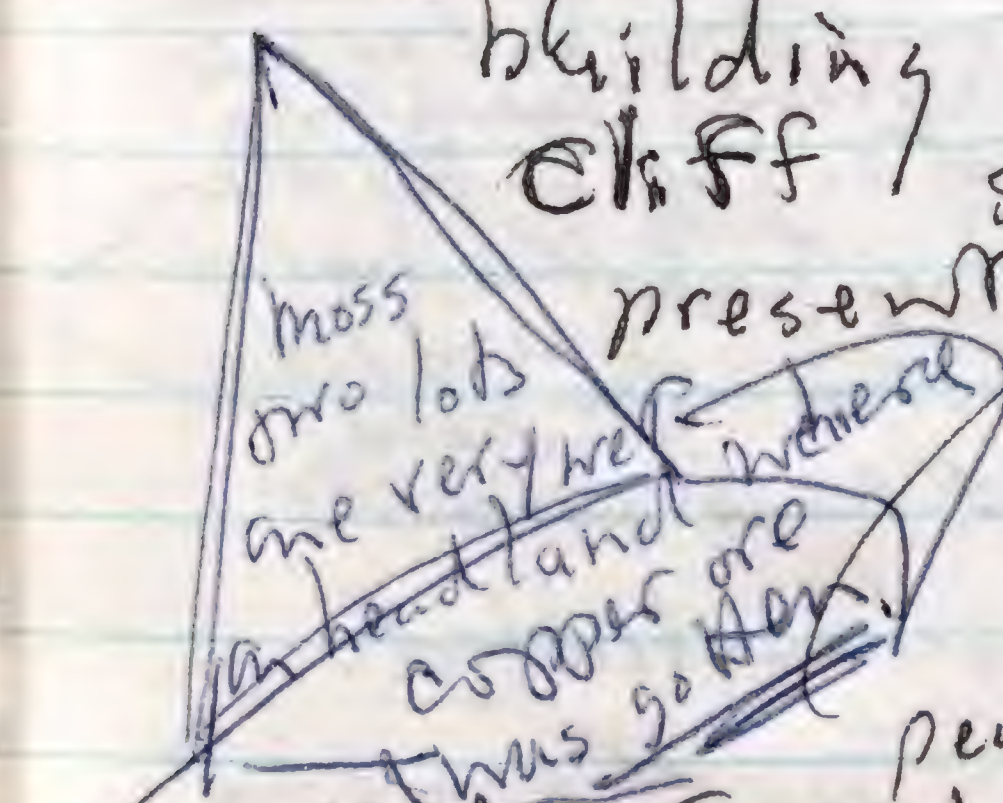
Another warm day, but ushered in with heavy fog, just about a white out. Toward 3 p.m. it lifted enough to get our traps down by the Argentine Base. This Sunday made 2nd night that they were down, as perhaps that is why we got 17, all told, saved 7 all-~~the~~ tetraodon fishes, as before.

In the a.m. got spec. overhauled as fog was perhaps one acre of building site ground here as compared with 10,000 ^{ice or snow} ice and snow. One in 10,000 ^{ice or snow} ice and snow site

Argentine Base here (Paradise Bay) is partly snow covered, & up to 6 feet around boat house concrete pier etc. ^{can walk up hill behind} saltwater cement = friable, but still useable. But still

why not 3-4 story building against cliff

storage lower floor or oil tank in present building site (could be filled & emptied by pipes lines seals off and so be under snow. part time we lease



pended all activities, made list of animals collected for Doty; specimens out for doty. Since trip for traps was cancelled asked for dredge haul. got stuck, unhooked it with line & shackle. Large rocks & many smaller stones in dredge, large one dented wire screen, expanded metal. At 16:15 under long for Danco.

Feb 5 Port Arthur sites humanist ^{Feb 5th thought} as contrasted
to or compared with logistic.

I got off at 1:15 and ret'd by three.
We were not vouchsafed time to get
as far as Cape Donna, but did scout quite
thoroughly without getting ashore, Cape Spigott
would but for birds make a grand ~~site~~ site

Converville Id where Jack landed also had
fine cliff face, but foot and area that could
be used for station highly occupied by
Gentoos. Was told there were a few Gentoos
among them widely ranging (flying birds) as
omnipresent everywhere. Penguins give dis-
tinct tone to the areas Gentoos

(What I wear aboard) Had just gotten into dry ship board togs
& was putting on ship board shoes when Capt personally came
down & invited me to go ashore with Commodore who had
just ret'd from his chosen site. on Converville Id. we
landed on our side where was natural harbor with breakers
across head of that bay or inlet. where we landed & walked
around sand of Id, partly over snow and rookeries to far side
Facing anchorage. I got my good "Dan" shoes thoroughly soaked only
float. Lib. time I've had wet feet so far. on his trip
hydraulic press for can's etc. honey bucket solved
catcher boat auxiliary. and trash
needs

No sooner than I saw Mc Murdo and some of man's
Argentine Building and pier heavily snow drifted.

Argentine Base at Paradise Str. 3 or 4 shur
cantilever to hoist bundles house against
by building against cliff avoid ice ~~troubles~~ cliff face
small boats could be hoisted.

Feb 4 @ 1615 Underway for Dunco Feb 4 Feb 5-63 p. 44
2000 anchored off Dunco
Old Capt. Mac that we were half way through
our Survey, as regards "certain" areas (outlined in
London Report.)

Capt came in to ask me just as I got back
Saw Commodore's site bet 3:30 and 5:30 pm.
Afternoon 1:15 (plus wait) to Nunatak Negro
(Argentine chart) Saw Chin strap penguins climb
mt 938 feet high, climb snow up saddle both
sides to ridge at top (of saddle) on which numer-
ous birds have nest sites saw one, just one
Gentoo among those nesting on shore.

Cape Spigott (why so named) from Nunatak Negro chin strap
penguin colonies. Greatest
Mac's estimate was 100,000 birds little hikers of all off Dunco Id.

Wright made an a.m. dredge haul in 4/7 fms
and an afternoon one at second anchorage
of the day off Ferrera Id. anchorage.
Archie Nash picked up a fish ashore. @ 6 fms 5 fms
gided

Found abandoned boat on Islet took sample
of dirt in lower corner, longitudinally
Made a.m. Tanner haul. Poblete,

I was glad to see site the Commodore is so
enthusiastic about

in
corner
where bottom
meets sides

all in caps 2 story with stairway to gallery
 Inscription on building - Melchior (Argentine) Base
 = "Les Eclaireurs" Ventosas Rivas
 Primer Viaje de Turismo
 22/1/58
 I asked Capt Mac to photo this for Roger.

Are we (is U.S.A.R.P.) financing thesis work for students? Feb. 6/63 Melchior (46)
 Wednesday
 We were to have had a recon flight over the Melchior Ids. but heavy rain fog etc. precluded flying. Instead at 10 we put off with shore party for Argentine Base here on Gamma Id. Here as at " " on Paradise Bay quite a bit of snow about, it covered piers of a former radio tower with a 50 foot ice (+ snow cliff) After landing shore group set fish traps in 5 + 11 fms. off point ~~radio tower~~ radio tower. Then made a tow net haul which netted us one copepod (plus apparently nothing discernible more). Were recalled to ship at 10.50 or so to carry out our steel drum dredge for a haul back to ship. This as with previous ones by Bosu Wright was rich, varied, and quite different. Yellow nudibranch, lot of ascidians including a number of purplish-black parchment skinned specimens, a number of worms, clams one large nereid, and a good sized globular sponge, 1/3 is being dried, 2/3 is frozen.

Dominican gulls
 Wilson's storm petrel
 Giant petrel, brown phase

on building ashore record of Argentine excursion on which Roger Eisinger went to Antarctic.

Afternoon put all pints and odd jars in plastic bags and in turn put these in gallon jars rec'd from Eng. "N" base Argentine Ids Base. Really ready to start over also got two qts formalin; and by bagging obtained about 2 gals more formalin solution for use on species to be collected yet.

Melchior anchorage to = / rainy overcast
 Left ship at 6:30 pulled traps at 6:45 ice covered =
 res. ship at 7:05 id's = Thursday = Feb. 7/63 (46)

Jack is always telling me what I miss not being on deck all time but I am often here when he is not besides, can't look after species, & be on deck too, both of the goes in consultation, also am. own questions.

This morning up at 5:30 to get ~~fish~~ traps from 7 and 11 fms. (2 fish in latter) 20 in 76m trap in channel by station. Fish ranged from 14 1/2 to 11 ~~long~~; all but two were dorned over to ~~mess~~ mess steward's for cooking; several of us had a portion for lunch. In afternoon we skirted ~~the~~ north & eastern shores of Anvers Id. as in Melchior Ids. which, we steamed about after getting back traps and shore party, every where there were striking ^{characteristic} ice cliffs, ice caps over all islands. Very few open rock spaces; they ~~were~~ even limited at the Argentine base here. There was snow between the buildings — getting from the landing stairway beyond the ~~breth~~ landing more to seaward. Above shoreway was a two story building. On the way back to Loderoy where we were to anchor for the night, we entered (went in quite aways, and steamed out again).

Bays. Saw seals & few birds and whale (ore) ~~ore~~ 2nd (Plantation Bay) iden by Snel — only one or two patches of bare rock any where, & what there was supported each a few birds. More storm petrels about than other places though a few dominican gulls, skuas a number, & a few terns & I believe a giant petrel, & occasional sharp petrels.

Feb. 8 (47)
Friday

Awakened at 6⁰⁰ Breakfast 6³⁰

Temp. 34, overcast rainy, so wind 4 knots passages good. Sound^{ing} out boat channel Dorian Bay was in

[want] order but Jack who arranged this did not seem to want to be bothered by a shore party. When Mac spoke of going, but when Berg & Dain showed up he took all three. I ~~staid~~ ^{stayed} behind, because there would be the matter of landing them and getting them off again. This Dorian Bay business was the result of my saying that we had no business leaving area without knowing what the depth of boat channel to "basin" ahead of Bay was. That that would be one of questions asked of us when we got back to Wash. As a result we returned to Dorian Bay (anchored in Lockroy) just to do this job, and Jack seemed to prefer to do it alone, so I stayed back. Also I suggested that he take two extra men in addition to boat crew to help with sounding. And his answer was that boat crew could do a little hand lining without any extra help. So that was that.

Cumhrell told them as boat pulled away that they might run into a bit of wind around the point. The Chilean Lt. has no cold weather clothes, so I offered to share mine with him. Well see.

Feb 8/63 (48)

Friday

Candl.

This afternoon after we had moved from Lockroy to Wilhemina Bay past Cape Anna Helicopters took off on two survey rounds. Capt Mac on First and on his return for fuel jumped at chance to go. Saw ice cliff fall in water. Makes me think of what would happen in Bonaparte Inlet, should that 80 foot ice cliff drop into 80 foot wide inlet. Goodbye boat. We are anchoring in Sven Foyn Hbr. white (for the night?)

Wide open space old whaling station Jack says as many as 18 ships in here at a time. Still old tanks and mooring rings and chains about and one wreck of a sizeable ship. We got our boat to set fish traps at p.m. & set one over by shag rookery, last point of rock ~~before~~ ^{mark} cove with wreck went almost up to it, pictures in the dark. Sunset too, (too many shots) got back to ship after setting trap at 9 p.m. making a tow net haul that produced two krill. 1st dredge haul was an empty one; 2nd very fruit ful.

Feb. 9/63 (49)
Saturday

Clear, bright, sunny 38°F

Beautiful place in fair weather

at 8:15 go to look at sites. All kinds of mix up. We did not get cruiser, just utility boat, and too many people.

I do not know what Dain's business to take precedence over me to look at ~~the~~^{hab} sites, even Tom Berg for that matter! What comes first here-Berg, the passengers given an opportunity to join the trip, or the three ~~for~~ whom the trip was arranged with the Navy? Why should Dain + Berg go to inspect sites for Bibo Schoahead of me, if I insist that I go it puts me in bad light, but do Dain + Berg say they'll step aside that S. can go? ~~///~~ Cool seems to take precedence over all else.

Any way, one of landing craft had to give up its engine to Greenland cruiser so ~~site party~~^{whale bone party} could have landing craft. Site party went in utility launch but why could not bone (souvenir) hunt go at some other, unoccupied time?

However getting dredge haul made, made up for lot else: good haul.

/// As luck would have it Jack asked me if I wanted to fly this afternoon (2 p.m. +) but except for glorious sight seeing trip I saw no point. It is all beautiful, really glorious from the air → Sea a deep cobalt blue, the sky light azure (sky blue eyes (steel blue eyes)). White caps over the sea a brisk stimulating wind. Little stronger than the helo pilots care to take. Bright

sun, contrasting light on the mainland coast ice cliffs as far as the eye can reach and further to north and south illuminating and more than spotlighted. Where is this wide world can there be a more glorious day. Temperatures from a low of ⁽³⁵⁾ 6.00 a.m. to a high of 44 in the breeze 42 °F ~~again~~ tonight, at 9 p.m. That 42 felt icy cold, we were heading right into a S.W. wind. I had to pull the ear covers of my cap down as the ear felt as cold as ice. But at 4-5 p.m. you wouldn't believe that as dark and I stood on the lee side of the wheel (pilot) house that the sun on the side of the structure made it feel warm to the hand and that a thermometer is a shielded shelter beside us registered 54 °F. ^(German) It was on the sunny side of the ship, but it had slatted shutters. Yes it was warm sunshine and I did not ^{need to} have any outer garments on, had me "chille" (? spelling) shirt on, that cotton ^(looks like wool) one furnished us, and a cotton (T-shirt) under that.

The ship after spending yesterday and first half of today (Feb. 9) in Sven Foy's Hbr. moved out at about 3 p.m.

Commodore gave ~~me~~ me photo charts he used during his recent flights on which he marked extensive plant growth, penguin colonies large & small + shags. @ Ootrup to see birds.

Sunday Feb. 10-63

Salvesen Bay in a.m. have too far repairs to Greenland cruiser, utility boat oil line and shifting engine from landing craft to cruiser.

Saw quite a shag rookery to right side of Salvesen Bay headed in more than half bird sitting up on snow slopes above rookery

Feb. 10-63

(51)

Sunday

Spent last night floating around in Salvesen Bay on rt side of which going in was quite a shag colony on rocks and as at Sven Foyh Abri. more than half total number were sitting about on snow above bare rock on which it seemed much lesser number were standing or resting. Lots of ice, fog sun set. Cruised about before evening Auguste Id + Cobolascu Id. latter quite a bird hang out

Brialmont Cove?

This am. about half day locating anchorage 200 fms deep for most part.

Alcock Id. 319 elevat, crowded to top with Penguins which I assume are chin straps because of their high climbing, as with those on Cape Spigot.

Other sides too with many birds; many sites lack reports on ret. From 1 1/2 hrs. helo flight. Commadore sent me small butt of grass, which he hastily picked up on

Set traps + Doby shot seal

Capitan wants 5 lb. liver
Kidneys and
10 lbs. tenderloin

- 1 Wilson's Storm petrel, many
- 2 Dominican gulls
- 3 Terns ^{shear}
- 4 snow Petrels
- 5 Skuas

Aut open seal
2 gal whitish shrimp
1 gal reddish ~~shrimp~~
quite distinct.

Crab eater seal. Has character istic teeth
Krill between ice lakes no
now though too much broken ice!

Brailmont ~~the~~ Cove
Penguins on Alcock Id. = Chin-straps

Capt Mac Says ^{in numbers} must exceed Cape Ballet's
300,000. There are at least equal to Cape Cruziers
250,000. Id is 319 feet high and chin-straps
give at least 300 feet in air here close
to 900 at Cape Spiggott, which is 938 feet
at highest point.

Brailmont ^{Cove off Fisher Bay} wonderful place for birds & seals

at hand is Cayley Glacier and several other
tremendous ice rivers constantly cutting off
bergs of all sizes. Makes for difficult for handling
small boats. 200 fms in greater part, but
no room for small boats.

Brailmont ~~Cove~~ ^{Cove}

Feb. 11, 1963 (52)

Overcast, snowing, 31° F. light variable winds
Not a promising day for flying but its set for
8:45 + Capt Mac + I are sitting in our room in
flight clothes Booby suit awaiting our call. The
snow is in off-and-on flurries, heavy and light and
the visibility beyond anything in the immediate
vicinity is nil. Visibility got so low that
flight was called off. I did not know it for when
they kept postponing it from time to time I laid
down on bunk in fly suit and fell asleep woke up
after a while and found Mac's suit on chair. He had
been waiting for flight. So I started to take
mine off when Dan Berg came down & informed
me that utility boat was taking a shore party
to Alcock Id. where we were to go this
aft. and picking up traps expedition. Well
that trip did not get off til about 10 pm
or even later, so I stayed behind. They had
more than a load at that. // Once in a while
we get a day like this. There are bergs of all
sizes, shapes, and colors about some of the
all dirtiest yet. so dirty look like rocky islands
or reefs, high & low. No place for station be-
cause of bergs, bergy bits, and growlers. Berg
was waiting with Capt. Mac to go ~~out~~ ^{out helicopter} but
weather was too bad.

Seals in Brailmont cove, all crab eaters, one
rarely two, to an ice cake; but perhaps a hundred
or two within half hour running about in launch.

see
US Pilot

Check on krill distr. + occurrence!

(53)

This run to Doception Id is a replay of my 1926 trip from Falkland long swells but not so high, lacked ice bergs, but wind weather, rain + white caps (much) the same. I think to see Port Foster again after all these years?

Feb 12-63

Tuesday

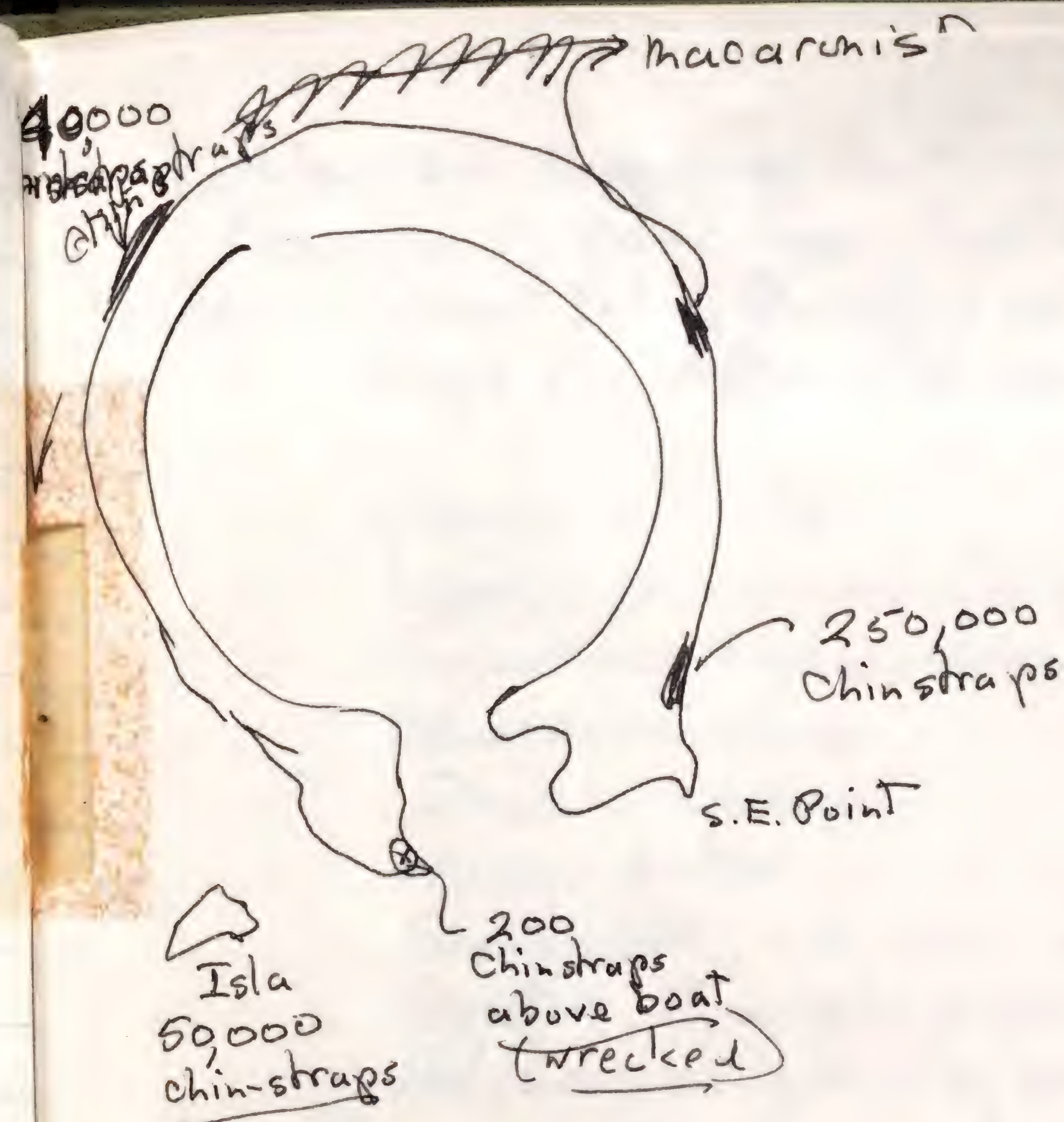
Same familiar profile, Bold headland to ~~right~~; U shaped notch — and entrance with sloping flat topped island to left. Heavy fog, snow flurries — no you see it now you don't — thick weather and uncertain. We could not get ashore as water shoaled too rapidly as we approached the steep-to appearing beach, besides Captain in gig with Commodore + Jack was using only pier available here. His party and we kept away are going ashore though at 1:30. To bone yard and grave yard.

Did Turner haul — usual green ~~algae~~ mass of algal material — how does it measure as to productivity of the sea. No copepods needed where krill abounds? I ask you.

Albatross and perhaps giant petrel, snow petrel, ^{shear} the Sargos, few in number, cape pigeons by the 50 or 100 as compared with thousands of bygone days. 5 or more penguin colonies on outside slopes of

Pedro Aguirre Cerda (Chilean Air Force Base)
Pendulum Cove.

Destacamento Naval Decepcion
Bahia Primero de Mayo, Port Foster
Since 47



Observations made
by scientists at
Deception Island
Chilean Station
"Pres. Pedro Aguirre
Cerde"
reported by:
Lt. Sepulveda
Feb. 12, 1963

seal?

Deception Island Penguins:

Are found only on outside parts of crater walls of island. Occasionally found inside crater, but never more than in groups of 10. Always are Chin straps

There are 250,000 Chin straps on outside of rim of crater; very few colonies of, not more than 10 to each on inside. Gentoos, with white on head above and between eyes are very few. Adelies, with black head, very few only one. Macaroni, with tuft of feathers on head one.

Feb. 12, 1963

Falkland Ids Dependencies Rep. Deception Isl.

Deception I, Ornithological Rep. for 1962 by C. F. Kyte

Birds. Giant Petrel is about all year

Cape Pigeon most of year except from 11 Aug. to 8 Sept

Sterna vittata

Larus dominicus (is not resident)

Pagodroma nivea, snow petrel

Blue-eyed shag

Skua lunbegii

Wilson petrel

Sheath-bill, Chionis alba

Gentoo, Pygosceles papua (occasional on touring parties)

Adelies, single ones with Gentoo (tourists, touring parties)

Macaroni 3 pairs nesting in Chinstrap rookery

Chin-straps most numerous, first arrivals

1962 on Oct. 21, at Bailey Head Rookery

Two members of station staff went over on

Bailey Head to await return on 25th were re-

turning at rate of two a minute by evening

5 to 10,000 birds had arrived. Highest

rate of arrival was on 26 + 27th by 28th there

were over 50-70,000 birds in residence.

Three pairs macaroni penguins nesting among Chinstraps

at Chilean Base a macaroni was caught and

held for pet to take to Chile, tethered to a

long string was feeding, healthy and apparently

happy.

Among the 250-400⁰⁰ Penguins on Deception

98% or better are Chinstraps 1% or better Gentoo's 1/10 of 1% Adelies and a few macaronis

Grave yard most depressing place

C.F. Kyte 1962
rept to Falkland

Feb. 13
G.B. wants to go
he gets it. I ask for
trip around Bay (Foster Hbr)
and am galled but 1 hr.

Deception Id. Feb. 13, 1963 Yankee Hr Greenwich Id (54)
We were rushed away from here, given an hr.
to pick up traps so they could go to Greenwich
Id to lay over in order to make Hope Bay in
a.m. the next day. Anchored off Yankee Hr
discovered by Palmer in Greenwich Id.

Rather thick
sheet of broken bits of ice & consolidated to
extent of keeping us off bluff fore foot which
was penguin area almost wholly gentoos
in all only three chinstraps were seen and
at widely separated places. Belo frightened
them out of their skins, Poor devils rushed back
and forth first one way & then reverse as Belo
circled. Lots of building land, but I would say
no real boat shelter and ice drifts near
enough to keep supplying bay with ice. This up
in our right hand corner of Bay. Spit is
of ^{water way} rounded rocks for most part (nice size of
fist, to coarse gravel, all tossed up as if sand
in a sand dune but this is a stone dune some
miles long. and widening from ^{outward} tip to where it
joins land this is more coarse sand. Bits of
moss at rare intervals, some on one of ^{very few} large rocks
sticking up on "dune" surface. This
is in valleys and ridges, windows of stones
tide rises high and in storms waters must rush
over whole of this "rampart." I question advice-
ability of getting caught in here. What is holding
ground for anchors. Water shoals up toward spit
and land ^{made} making it difficult for 2 scv. to land us

Feb 12-13 Feb 13th (55)

dry shod.

Deception Id

Deception Id

The hour vouchsaded us at ~~Deception Id~~
~~Id~~ made first a tow through flock of Cape pigeons,
because first they were picking ~~something~~ out of water
with bills, but later were further from ship and not
Seeding so far as I could make out. Landed on
shore for pc. red pumice landing difficult (my after try)
Picked second trap 35 fish all told. Largest yet 21 inches.
35 fish in all

Yankee Hbr. (13th Feb)

'Poseyo belleza, sin variedad; fuerza, sin insolencia; / Valentia sin ferocidad, y todas las virtudes del hombre, / sin sus vicios. Este elogio, que seria adulacion sin significado si fuera escrito sobre las cenizas humanas, es simplemente un justo homenaje a la memoria un perro/polar.

J.H.T.

29.VII.1962

In lounge, Argentine Arge Bay Station:

Sargento Ay Kurzmann Oscar
Segurolo 934
Villa Sarmiento,
Buenos Aires

Capitan Jorge Garcia
Nacion 432
San Nicolas
Buenos Aires

Teniente 2^o Oscar Sosa
Custro Barros 2235
Buenos Aires

At British Sta learned that:
Adelies, Gentoo, Chinstraps & Dominican gulls, Shearbill = resident; Snow Petrel occasional; Shags, murrelets, Skuas, Terns but later; few Wilson Petrels
Furphy - Fullmar Giant Petrel as visitors
At Youngs Point one finds Silver grey petrel
Vortex Id Adelies. Emperors at Robertson Id.
// Maysa, ORFEO, L.P. Industria Argentina //

Arge Bay Feb. 14-63

(56)

8.45^{am} is flight time. Tops of mounts in dark dark ceiling but below that is blue sky to be seen and plenty of ice drifts as per usual. Larsen say we shall fly. We flew about Argentine & British Bases which are quite close together. at 12³⁰ we went ashore first to Brit. Base, couldn't land water too shallow. We landed at Argentine Base to walk over to British one chinstrap throughout year. Adelies (?) Gentoo, Dominican gulls, Shearbill, (Snow Petrel?) (Shags one or two) Skuas, (Wilson's petrel)
Dominican gull - Fullmar (?) Giant Petrel (Chinstraps 8)
Youngs Point Silver grey petrel Vortex Id Adelies
Emperors at Robertson Peninsula.
Mays. ORFEO L.P. Industria Argentina.

Barbequed roast beef & salad, coffee and a light sour wine that tasted a bit like cider. The Captain in charge got too much of it and acted high (over fraternal) and later fell off the tractor, which by the way just before careened down the trail, as I thought much too close I knew was the trouble I was walking with some of the others close to trail and heard the racket it made sound ed just like ^{one of} the helicopters over head. They are in the air every day, and most of the day so I paid the noise no mind. Today I first became aware what was what about that part of yesterday ~~afternoon~~ it was bet. 6 am & 7 am that I was just missed by that tractor when Capt. Mentzhar said to me I hear you were almost

run down by the tractor yesterday! (This is being written on the afternoon of the 15th.) And we got into Hope Bay in early a.m. And as requested got a copter flight over area. This took till noon. After lunch went ashore with Capt. Mac. to see bases & ask a few questions re about charts, boat harbors and shelters; ice conditions & about birds. We both got something and enjoyed seeing British Base, at whose landing there was not enough water to get in as tide was fairly low; so we landed at Argentine Base where they have a nice landing being improved.

Cold enough or so stars are out quite clear, instead
it feels, to breeze ^{usual overcast} brass monkey! Feb. 15th Friday. (58)

Made Seymour Id @ 3 p.m. For a time it looked
as though helicopter flight would not be made high
winds. However Berg got ashore & Jack went
along brought back some fossil shell matrices.
& sea weed from shore latter had nothing in
it. Commande also brought some weed plus
sand sample for Art. & red over-lay on stream
beds sand.

Two dredge hauls were made while lying in
ice both similar and though not a wealth
of material did net us some unique things.
Pebbles gravel small rocks and sand interlaced with ^{one wormy} ~~one~~

Ice conditions bad & the Tubular Bergs
immense, and in all directions one after
the other. Left Seymour at

Feb 15
All rest of day and night through ice one
patch this a.m. Feb. 16th almost solid missed Feb 16
Taking picture of an long tubular ice berg
alongside of which we steamed; it was
floating in a big ice field; beyond open
water, and now at 8 am. bumping ice
cakes again. Has straightens out
specimens and bottom samples when I
missed that ice-sheet ice berg photo.
Have to put small stuff in plastic bags.

Is this just "imagination," or a true paradox.

The ice free Ids seem to have sea-ice and bergs
about them to a greater extent than the ice and snow
covered islands about which the sea is relatively free of ice.

- ① Rodolfo Merlino (Mecanico de Armamentos)
Castelli 5712, Carapachay (Bs. Ar) Argentina
 - ② Neri Vago Nazario Diaz Meteorologista
Ecuador, 927, (Meteorologista)
Rosario (Santa Fe) Argentina
 - ③ Jorge A. Martinez
Obispo San Alberto 3414
Capital Federal, Argentina
 - ④ Jorge A. Beras Juri (Mecanico de Avion)
Espera 618 Ramos Mejia Mejo
Argentina.
 - ⑤ { Oscar Pacheco (Mecanico de Radio)
Jose Ingenieros 974
Villa Maria - Cordoba, Argentina.
 - ⑥ Mauricio Andrada (Mecanico motorista)
Corvalan 368
Capital Federal, Argentina
 - ⑦ Juan Carlos Villarroel (Cozinheiro)
Calle 4 No. 215
Barrio Mendoza - Rosario, Argentina
- crevasse = grieta small crack as
we have it too "fisura"

Feb. 16, Saturday 1963 (59)

After bucking ice all forenoon, got chance at
going ashore at Argentine Base here in the ice
shelf. It is a more or less motorized group
with 5 snow cats and a host of sledges and
supplies and materials (lumber for building a
± permanent station 17 miles further inland
on this ice shelf). About present one crevasses
are forming they took us out to one nearby &
tied a rope on the first man in case he got too
close & slipped. Crevasse did not show except
as a depression in the snow; had an ominous
feel just looking at it. ~~But~~ This was several
hundred yards away. There was a smaller
crevasse none close by the houses by probing; the one
man showed it to us. ~~I went over~~ We were
invited into one of the trailer units divided into 3
rooms. We all sat around a fine 10 ft square room.
They passed a bottle containing I believe a liquor
that was ~~horrible~~ (like Creme de Cacao) and
then handed me a strong cup of coffee, with plenty
of sugar. We were ashore scarcely an hour.
~~I stayed behind while rest of party~~
~~in Bell helo~~
Comdr. Lewis, Capt. McDonald, Archie Nash, Peter
persuade.

Of the Argentinos only Merlino spoke a bit of
English and so I had to try my very poor
Spanish on them. They were appreciative -
that when drinks and coffee came out, and
Merlino even ^{wanted} gave me 2 choc. Bars ~~bars~~ and
his Spanish English Book, I declined one of the bars

Feb. 16 contd. (60)

and also he book, saying I had one too aboard
the Staten Id. // The trailer such as it was
was aluminum sided and (at least as yet) not
insulated, but ~~certainly~~ was warm. The
a.m. has ushered in with a 24°F temp
that did go up to by afternoon.

Had hoped for a ^{dredge haul} drag but ice conditions were
against it even while lying at ~~Staten~~ ice shelf.

B // They say that birds are very few. ^{2 dogs}
We saw a number of weddell seals, lying
singlely on the ice while steaming toward
Robertson Id., and way back headed
for Cape Longing, I saw about 3 or
4 swimming in the water.

From the wheel house Mr. Campbell told me
that they saw a single Emperor penguin
during forenoon, and at lunch time
Jack and I from Port hole saw two
groups of Adelies on ice cakes!

Feb. 17th a relatively quiet day, but for 9-10
o'clock dredge haul; and last of moss from
Yankee Hbr. got rock samples, into ^{ess} crate in
locker in room, have not yet gotten all
dry samples; copied temperature records in ^{this} book
saw quite number of seals yesterday, here
and there basking on ice cakes, of medium
size. ~~Few penguins going by~~ on ice cakes where
headed.

9:45 = 8 fms

Feb. 18/63. ^{dark sun 40} ^{group of 15} (61)

This a.m. various small groups of penguins going by. I saw several shags. Comdr says small penguin colony on S.E. end near or on strait bet. this id., Seymour, and Snow Hill. This Seymour is quite free of snow except last night and this a.m.'s flurries, on brown hills as ^{light} snow at home in streaks (reminded me of 12/13 snow in Berkeley Hills when closed schools for the day. What about thermal activity

Last night to bed at 1:30 cleaned up and labeled stuff obtained in 20 fm. dredge haul over side at 20 fm. anchorage.

Worms, sea urchins, sea cucumbers or ascidians again

Wealth of ascidians if chordates went in to vertebrates why would this not be the place. Have been underway since seven and at nine:45 are approaching N end (N.E. end) of Seymour.

9:55 ^{a.m.} ship anchored

Why not undertake drilling on all promising ids.

At 10.25 I came in and strongly advised me against going ashore because of "our" lack of heed of ice conditions and lack of knowledge of the often changeable weather hereabouts. I acceded to his admonition particularly as he is our superior in the change of command concerned with the civilian personnel aboard.

1963
Feb. 18 (cont'd)

(82)

Archie Nash, Berg, and Leonard photo went ashore in LSCV but without success, because of shoal water boat could not get closer than 50 yds from shore shallow mud flats. There was talk of putting over fish traps but there was too much ~~ice~~ drifting ice; any way as yesterday the morning was foggy and had even more light snow, at least more remained on the bridge deck. Any way we finally got started to round from East side of Snow Hill where we were anchored to the west, going around Seymour because we could not go through narrow and the too shallow and not too wide ~~equally~~ does not admit vessels of our size.

The weather did not improve all day ~~much~~ ^{As} snow stopped wind got up. and at supper time was blowing a 2-40 gale almost. White caps, at a chilly cold wind, I should say piercing chilled you to the bone; the temperature was still reasonable @ but the wind made you feel that the cold was biting.

Today we all felt cold the temperature at 9 p.m. was ~~29.8~~ 29.8 (nearly 30°) and the wind 27 knots. We would never have noticed the 30° temperature had it not been for the wind; it just sort of blew through you. We had anchored last night on east side (toward N. end) of Snow Hill Island

at Seymour.

(63)

and had planned that trip ashore ^{in which} I did not participate. It returned about 11:45 or so and ship got underway to make its way round ~~Head of~~ Seymour Island & here after a long maneuvering got into difficulties shoal, water 10 fms. (from broken ships propellers churned up mud. The ship had quite a time getting back into deeper and safer water, deep enough to swing about at anchor, without hitting anything in keel undurked a little chartered water.

Feb. 19 '63 { Boat called for 8:30 got off at 9; lost an hour seeking a landing on Seymour shallow water well out from beach. Jack suggested (I had to go up to stranded ice cake; it was ice shelf along side of which we tied up and walked ashore. Most barren place just soil on which nothing grew although later when Commadore went ashore with Berg, and got some nice fossil wood & perhaps a bone (Tom thought fossil penguin) Commadore got some lichens of scanty appearance on far side of high ridge which we did not climb in am. We went south, as did guide and Capt. Berg went north & got next to ash. He took ship's best little ammonites without as much as by your leave.

During the forenoon at Seymour, belt 10 + 12. We had great difficulty in landing till Mac suggested pulling up along ice shelf or large stranded cake. The Island is barren and desolate looking; practically no birds Berg saw one, Capt. Mac 5 lone-some looking one; saw a moulted beaten up dead one; and in a gully ~~with~~ skeleton of dead crab eater with considerable of the hide still about. There is a big valley down the middle of N. end where, a muddy stream bed in bottom. No vegetation of any kind, though when Don Berg and Commodore went ashore in late evening on the. A piece of lichen Commodore put in his pocket to bring back was just too crumbly for retrieval from pocket. Berg picked out best of Doty's ammonites, but I believe I have an incomplete one of about same size.

Just before lunch I looked in + belt ^{Seymour} Feb. 19, 1963. (69) Of one of his men had coll. something. I denied it at least as for it, and myt just picked up and took it is like fish at lunch; they gave a piece (offer to share + he drinks whole of it in his place. I got quite a few fossil shells, ammonites and found a dead young crab eater seal skeleton in silt above beach go 3 molar and two canines out of piece (1/2 = mandible). No end of real-estate for building, not much boat shelter, + virtually no birds. In am. Capt. Mac saw 5 penguins, Berg 1. hr. after birds about in air over, or on island Lost our trap at 10 p.m. was put on starboard side to avoid drain. Port side was probably too much work passing net around. It was too "bad" weather to run recreation parties ashore but Berg and Commodore went. Regardless it was weather too that led us to pass up Snow Hill Id. yet for Geol it was OK? That 19th handling was something. On Seymour plenty of real-estate probably suitable for all the building you might want to have and air runways too, but very soft and muddy place, where did all silt come from. and breccia? But absolutely barren in all directions though Berg and Commodore said they got but could not find in pockets the little bits they collected. Why were they not put in a ^{little} bag or plastic bag of which Berg had plenty.

Wetchness Feb. 20, 1963. (65)

After trials landed at base of Egeer
Point Wetchness, had to make couple of trips
before due back at 11:45 had brief spell
ashore. In LCVP with traps and turner
put survey party ashore, about 10:30 were due
back at 11:45. Took us with fish traps
to wnet haul and some soundings Mr. Thomas
felt necessary, about 5:00 time to return to
take off shore party did not get lunch till
after 12 (usual time 11:20) and then had to
rush to get off on one clock boat to get a-
shore in afternoon, stayed till 4.

Took off
WT on
second set
850 yds
Ed. haul
+ since
not used
it

Wright made a meager dredge haul. Was a-
waiting me at 12. & then in afternoon
made a second (both at anchorage)

Ayala, Doty, Poblote & I walked across spit
to extreme end where ice meets beach & back
while duck who had preceded us walked along
by the beach. Ice on both sides of spit, lee & windward
Dead seals on land, saw
adult & immature skuas together (only 2 I saw)
terns, Dominican gulls, Gentoo penguins; no nests
though

Anchored 1 mile N. Welchness Point. Feb. 21, 1963 ~~2 traps~~ (66)

It was intended to get underway this a.m. for West side of Trinity Peninsula, but overnight quite a wind sprang up, bringing in the ice over my traps. I set out yesterday morning; it was blowing 30 knots white caps and swells with it so our 7⁰⁰ a.m. detail ^{could not} go in and pick up traps, was put ^{off} over for 2-3 hours to wait out weather for better or worse. By eleven most of clouds had drifted by, clear sky and sunshine through the over head break shone down & we cruised back and forth among the bergs & ice (with some difficulty) seeking the floats. But to no avail. They did not want me to go with them, but how could I stay back if any danger was involved. Gee, I hated to lose those traps. Then at one o'clock we got underway for other side of peninsula. I looked up my penguin records and asked if we might look into Supros Bay and the penguin rookery said to be there and on the head land forming north end of Bay there was plenty evidence of their presence on the two rocky islands in ^{or near} mouth of Bay were colonies of Gentoos; but when I look at heights on the head land in which the colonies (brown excrement patches) rose I thought they must be chin traps which in my experience are the greatest and highest climbers; there was quite a group of them on the adjacent ice high up too. (Commodore during early afternoon had gone over Seymour & wrecks for penguin evidence (of colonies) brought his telescope ^{up with him} along for identifying penguins on island as we steamed in the Bay. But fog set in and with poor visibility we left without

We got under way after lying-to a while for Hlook Id Hughes Bay

Feb. 22, George Washington's Birthday (67)
Today at home bargain sales

Rain last night this a.m. heavily overcast. Headed for Alcock Id. ^{people sleep better sleep all night}
will get there around 12 noon

Mac tells me we almost ran onto a shoal going back to Alcock Id. A heavily overcast day, dull gray rain with ^{an} occasional snow flurry. Plastic bagged a lot of bottled things.

Feb. 23, 1963. ^{Saturday}
Nasty day all yesterday - carried over into this a.m. Had a great iceberg descend upon our bow bump and engines running woke me up around 5 o'clock.

Cap Mac & Spring Point ^{black & white rock with dark spots}
tells me that ^{masses and lichens} yellow & orange lichens

Shoals & rocks

Feb. 23

Alcock Id

Got ashore ~~at~~ islet, practically part of Alcock. Chin straps, shear bills, Cape Pigeons, Giant Petrels (fide Mac) Skuas.

Got ashore from 9:30 to 10:30
Picked up trap 1 fish lots of amphipods
bits of red also ^{only}
Dredge haul; gravel, ^{bit of mud}

In afternoon heavy snowfall, enough for men to engage in snow balling me another ^{3 pm or so?}

Feb. 24th

up ^{on} 4 am. in LC SV Sunday

(68)

LC SV had some trouble finding landing at Spring Point - sort of rough ground yet there was a place for the Bell to land. is bird free though most of adjacent islets have penguins ice conditions got ~~grass~~ ^{with seeds} in fruit, said to be unusual; also some sea-weed and moss + few lichens.

Terns, Skuas, Blackbacked gulls penguin sp on island offshore undetermined because of ice conditions and need to get back to ship for a 9 a.m. departure up coast. Capt Mac is flying beginning ~~9:10~~ ^{9:00} a.m. over land the discovery of which is credited (by Americans) to Palmer.

Got underway @ Fur Mikkelsen Str. where there is an Argentine refugio. on little Islet, on which are Gentoo penguins. Skottsberg Cape Barms N.W. end of Bay on its outer side & way on top of cliffs here Chinstrap penguins, which when helicopter frightened them started jumping off 50-100 foot high cliff on top of which they lived. Many Blackbacked gulls no end at Spring Point, about ship in Harbor many Wilson's storm Petrels. The sunshine we enjoyed at Spring Point for a couple of hours 5:30 or 6 a.m. till 9, when we returned to ship, did not last long mist made visibility low, helicopters had to return, and for a time quite heavy snow flurries

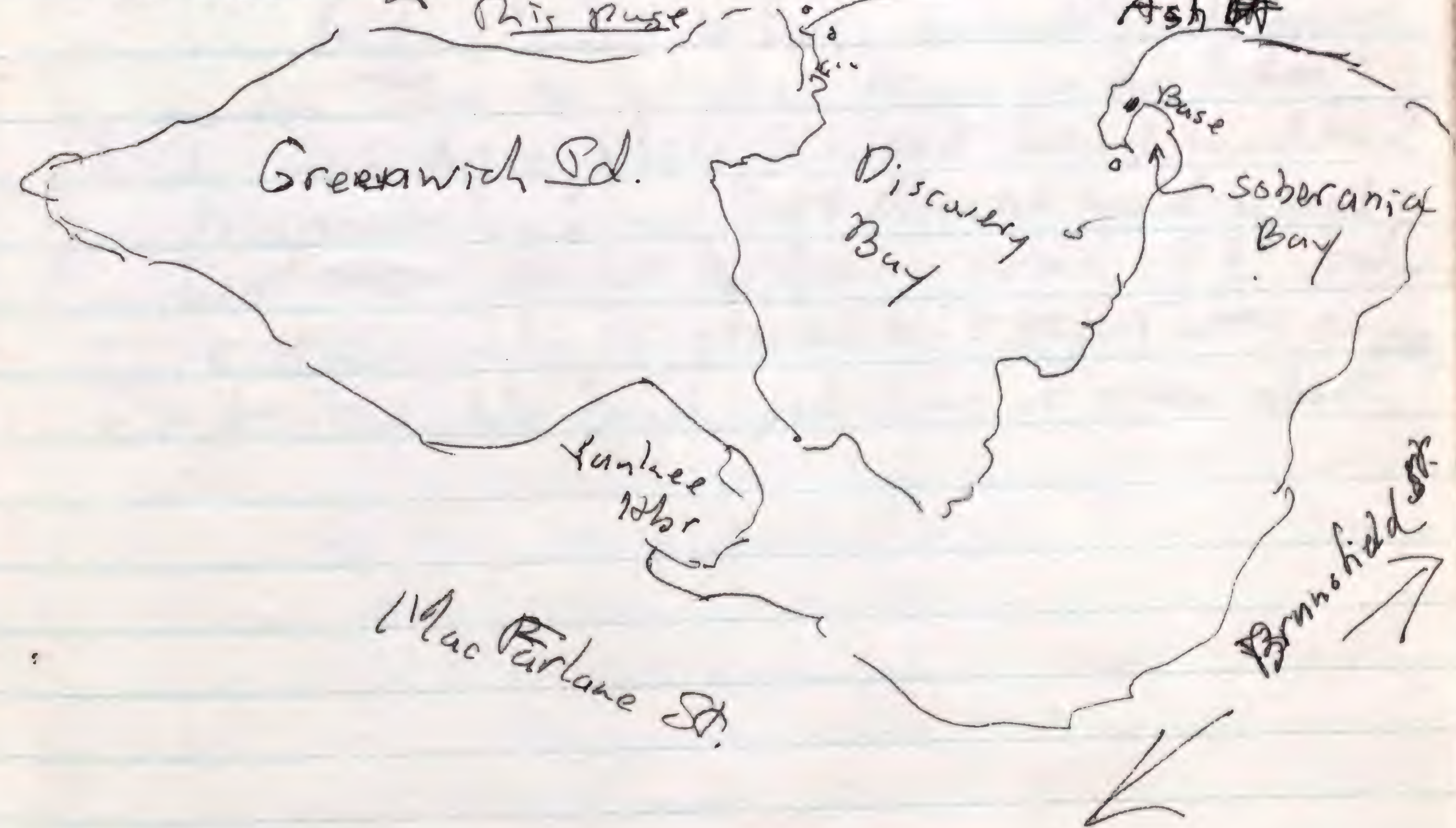
shell
on
shore
disfolds

Bad weather, overcast snowed ^{formed early} (69)
Feb. 25 False Bay, Livingston Id.

Chin straps every where (2 places) I looked
lonesome little groups of dozen to 20 each, standing
around. Bad large boulder beach, with high
terrace of heaped up stones & rocks behind
20-30 feet high heaped up by storms, rocks
well rounded off must have been rolled back
and forth for years.

#61/63 { Dredge haul
mud with
scattering of
rocks and
coarse gravel

Moved over to Discovery Bay by Chilean Arturo
Port Station. The Commodore invited several of
them over and see other side English Strait
this pass.



Arturo Prat (Naval Base) since 1955
About 8⁵ men including a Lt. in charge were brought
to ship last night 25th and half dozen of our people
went over here, the wind got up so hard
they were unable to return (our boat was
doing the ferrying). The two parties slept in
the other bunks

(70)
Feb. 26 in Discovery Bay anchored
#62/63 from Prado station (Chile) some distance
Dredge haul made about 3 p.m. 3 fms.
Lt. Beam checked penguins on inhospitable
looking Ash Pt shingle beach (spit) while
with survey party, saw about 6 birds
5 gentoos and 1 chin strap.

Touring party.
Chin straps however predominate
on rookeries were seen on these
ids.

We took survey party (went with) to Ash Pt
hoping to pick up fish traps while they were ashore
all we got done was 10 min. bottom haul, orders
by radio were to let fish traps go till later
which was done while I went through mud haul
made about time we left ship as we dropped
"bucker" for Wright the "Bosun". was 9:30 before
I got done with it; started with it right after supper
first sizeable brachiopod size of nickel about.

On flight over
Adley Id
Base site
not impressive
no land shelter
Id is sub-
antarctic &
English
Do not come
as in Antarctic
or belonging
to U.S.A.R.P.
Program.

Feb. 27 + 28th (71)

Feb. 27 This am. continued the bad weather of
yesterday; started in overcast, high winds, white
caps. — and though the sun came out around
noon it's a pretty place here abouts off ~~Peter~~
~~Collins~~ ^{Robert} Cove. The wind seemed to increase in force
the highest today 45 knots (miles per hour)
This is close to running your auto at 52 or 53
(land) miles an hour. Well it's just a bit too
strong (and waves too violent) to safely launch
the boats from the ship and then were you to
get them into the water to land on unknown
untried beaches.

Feb 28/63

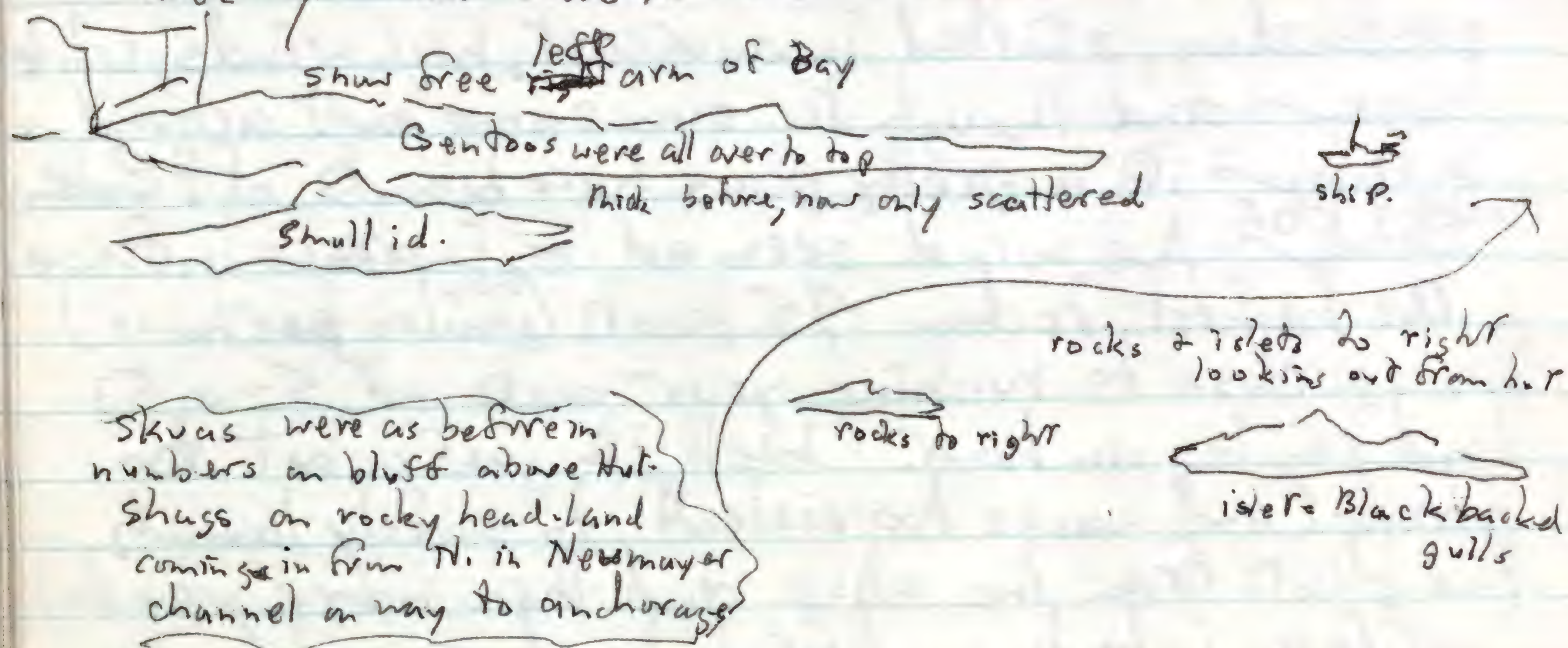
Feb. 28 Up. at 430 for 5.15 plane flight
1 hr. back at 6³⁰ to 7. Then expected to
go on shore boat, but because wind &
weather off again on again some again
I'll remain

1st shore party was recalled because
of its set in but went later but only
had 15 mins ashore. No other flights
Bright out and mud indeed got
grand mud haul. ~~lost~~: Forest of
brooms.

Till 9:15 cleaning up dredge haul;
started before lunch, had all labels
to do Jack kindly hauled a bucket of water
for me

Lockroy from Base A Har:

March 1



Arthur Harbor is place for close by Adelie Colonies, but only Adelies. (Which are a well worked over species because of its presence in McMurdo in such great nos. This ^(abundance) numerousness is duplicated by Chin straps all Cape Spigott, and at Alcock + I believe up by Square Bay = Susspiros on East side Peninsula

March 1

72

Gentooos in Lockroy and Adelies in ~~Base A~~ Arthur Harbor about gone just a scattering about. and some sneaking in, one at ~~that~~ ^{that point}. At ~~that point~~ or landing (Base N) saw penguin foot prints in the snow, and up on bluff by ponds ~~at~~ found dozen or ~~had~~ seen looking "Adelies" the makers of the foot prints. ~~Arthur Harbor~~ Weather bad all day number rough ice had drifted in made landing difficult (much same at Base A)

where is snowed whole time). Lake at Base N. Frozen over ~~ditto~~ pools on bluff above hut, only a dozen or two at most Adelies left. Skuas still in force but not so many Black backed gulls. Wilson's ^{storm} petrels? Giant petrels, yes. I did not get desired slight over Arthur Har. because of high weather, Did get another muddy dredge haul, ^{had} partial success with boat dredge, needed weighting. 6/6 Clams again, without weight drum did not sink so deep and only got tops of dozen large clam.

⊙ Before we saw these fellows had to climb bluff, they were sitting on its seaward edge, looking as if I had noticed tracks in snow from sea to hut, + hut toward lake and up hill. If I had not gone up to pools would have missed them.

Got several dozen kill from deck this am. where Bay had been washed or blown aboard by heavy ^{sheets} spray.

One was swimming about in pocket of water under flush deck handle. ~~It~~ quite something rest were dead some mashed from being walked on.

March 2nd 1936 (73)

Paradise Abr., March 2nd.
On ^{birds} ~~Mar~~ bad day, visibility said to be 5 miles
Temp. 31°. Much ice yet Navigable.

⊗ no great evidence
of rookeries here
but side Lenton

Mar. 3 Sunday
Last night 55 ~~hot~~ wind, this am.
snowing, brief ^{glimmer} of sunshine ~~well~~ before
noon (perhaps 10:30) when Capt Mac came down
from bridge and said barometer is lowest I've ever
seen 28.12. At about 10:30 to 12 we took
survey party ashore, landed them on rocks and
then on my insistence boat, P. Bette, Asala, Doby & I
with boat crew went for trap, got six fish ashore.
Saw 1 gentoo and 3-4 chinstraps on shore in
~~Adley~~ ~~Adley~~ ~~Adley~~ (Penguins have gone) must have a
lot in season, we got back
to ship about 1 p.m. and snow & wind began
acting up. Fortunately we had made down not
haul (I hope & believe before - I know we had
a "drag" with mud bucket to ship. - ski. De
weatherman
⊗ At 11 o'clock it was even lower 28.095
aboard said. At 4 o'clock order went out to
sweep decks are full of snow I took a ^{couple}
of pictures of it though I had tried 3 previously
I was lucky to insist on getting fish trap back first be-

(94)

So we went ashore, and after we had it in and before we could make a durnet haul, we were recalled so that Lt. Beam could go and examine an old wreck in Bay, but wind plus low visibility made them cancel that leaving shore party stranded for 8 of them, including Capt. Mac & Jack Crowell. Had no radio or emergency rations. Had to think I've been going ashore without and would now have been with rest except for that for me & my "crew" recall to ship. Next time I'll see that I have something, also that tent goes ashore with us. However we have only 3 days more here 4th 5th and 6th

Mac said he saw

| | |
|------------------------------------|--------------|
| 1 Black backed gulls | |
| 2 Skuas | |
| 3 Gulls | } fledglings |
| 4 Chin straps | |
| 5 storm petrel | |
| 6 Antarctic petrel | |
| 7 Mac said he saw one Giant Petrel | |

over at Potter's Cove
Lenton has also
Giant Petrel
Shear Bills
Seals

Beard

Lost F.W. algae Because I did not look
after them, also ~~lost~~ ^{in traps, etc.}
From beach at Potters Cove went back, whole
crowd of us in LCV, (long do)

Monday, Mar 4, 1963 ⁽⁷⁵⁾

Capt. Mac made the slight recon over Potters Cove
today at 6 am. Arr. in Potters Cove and
went over in Helicopter (ferry service) with Poblete
after black ^{+ Berg} and Survey Part (Nash) had gone on
two previous trips. Went over to Admiralty
Bay, where because of a morning bridge
haul I skipped the Helicopter flight, ~~but~~
~~attempted~~ to go with survey party to
Iseller peninsula ate early supper at 4 to 430
(4:45 p.m.) departed for British Base but couldn't
get ashore because of brash ice up against
shore, but out fish traps nearer ship

Futile attempts to get ashore at Base G.

Dark night as I was running through the drum of
mud, it was 23° or 24° about the coldest since join-
ing this ship used hot water. but when I went
out drum which had been hauled some time
earlier water standing on top was frozen over
& had no salt water. The mud I cast out
froze to the rail

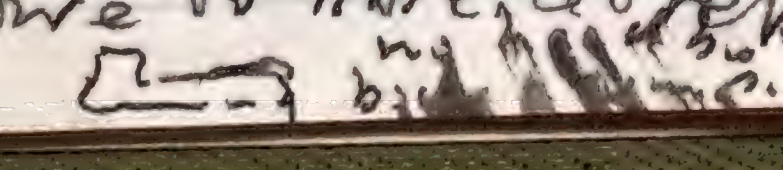
Tuesday, Mar. 5.

(76)

We did hit a spell of bad weather, this a.m. "they" had a great hesitation about getting survey party ashore to West side of Keller Peninsula, we were unable to land on East side because of heavy belt of heavy ice blocks and cakes blown up ^{to and} onto beach. Tried several times and finally ~~gave~~ ^{gave} it up and returned to ship. after which we dropped fish traps of rocky area ^{to East} opposite Keller Peninsula where British hut is. Left an occupied ^{at 4:30} and start for home

One blowing, but chiefly the heavy swell caused the water to cut over. While at supper 5:30 or 5:40 we were warned (prohibited from going out on deck without special permission as it was too dangerous).

We got underway @ after fooling about all day. Fortunately we were ~~permitted~~ ^{permitted} to get our fish traps back. But no fish. Few amphipods + a few worms (nemertean).

Passed Penguin Id, wanted to get picture of it through spray. Our ship would have made a picture. At 6:30 was blowing quite a bit spray dashed against pilot house windows 64-70 feet above sea level and went right over flying bridge or roof of wheel house. 6:30 little before to little after saw Penguin Id, and L'Anse aux Pins Cape. 

Weather (cont'd): at Adelaide said that
 weather was about best in last six
 years, for this time of year.

Birds Scattered penguins (Capt Mac says
 darker and smaller than McMurdo ones
 Skua breeding site
 Dark skua
 Adharacla linn.
 Blue Shag = Cormorant
 Phalaropus atriceps
 Cormorant
 Cormick!

Sterna paradisica
 though I saw one Dominican gull

26.62
 Examination of inguinal region reveals a moderate
 sized (L) inguinal hernia which can be held with the internal
 Generally it is true surgical services recommended for
 inguinal hernia be repaired but not on any emergency basis.
 Although it is unlikely that the patient will experience con-
 siderable relief in the next few months we cannot with assur-
 ance say that he will be free of symptoms and complications.

Wednesday March 6 (77)

under way for Valpo
 The mornings feel colder, though we are dressed the
 same

Mar. 7. Thursday. Rough rocky day, a bit of
 sunshine at mid-day (best swing 45°)

Mar. 8 As rocky as yesterday wind stronger
 whipping spray off tops of waves and
 sending it length of ship, and over
 wheel house
 could have put him
 in this noon

Mar. 9. Beard judging today. (after Bingo)
 Overcast 52° when I got up, in forenoon 54.
 Foggy but at 12:30 — Also give out fish prize
 Rain? plenty
 of spray, can't
 go out but what's
 glasses need
 washing before
 you can see indoors
 D 52 - 55
 going out in B.V.Ds

March 10 Sunday 57°

Rohrer Point
Rohrer Pt

strikingly scenic area
Location: Essentially very beautiful

Joebergs many and of various
sizes, and as elsewhere fanhastically
beautiful (as plentiful as at British
Adelaide Station).

Weather: Spring-like, mild and the
warm for our manner of dressing
with a little exercise, walking and
climbing became too warm even
in ship-board (dining room) garb.
(expanded on p. 1)

As to building site, is as we were told
by English, superior to their "Adelaide"

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Tow net hauls 20 = 1963
 Fish traps set 16 times
 Dredge hauls 30 "
 Ashore ^{shore} collecting 28 times
 with loss of nets on 2 occasions = 18

Look up:
 Antarctic Tract
 Ask Stanford

Ed. Schaffers (Chief Branch of Exploratory Fishery)
 Hugh DeWitt (Dan Cohen says is man for Antarctic Fish and books. Is at Kerner Foundation)

5-0800
 to 6-0800
 313 Jan 5
 317.5 6
 315.5 7
 302. 8
 342 9

Distances
 1963 run date
 for Jan

Weather Summary
 opposite page 1.

Ballard
 Picture of
 Sunset
 Grove rock
 (promise) Deception

From Jim Jones:
 Naval Message 2 March 63

class for Crowell Palmer Station A, x
 Discussions subsequent to Ref. B. reveal
 first interment [sic] of Palmer Sta. can
 probably established in JW BV 2. Preliminary
 planning for a 20 man camp going forward
 A. Will utilize prefabrication com-
 at which were [sic] very successful at
 Stn. B. Unit layout being kept flexible
 so adjustments can be accomplished
 if necessary and the site permits

When survey is completed recom-
 mend that you, Schmitt, McDonald and
 proceed ASAP from first pos-
 sible port. Advise port and ETA so
 travel can be arranged for all. T.O.
 Jones

⑤ Adelade Is.
 ④ Rothera Pt
 ③ Adelade Is.
 ② Adelade Is.
 ① Adelade Is.

Tow net hauls 20 = 1963
 Fish traps set 16 times^{*}
 Dredge hauls 30 "
 Ashore ^{shore} collecting 28 times
 with loss of nets on 2 occasions = 18

Ed. Schaffer

Hugh DeWitt (D.A.)
 Antarctic Frst

Look up:
 Antarctic Part
 Ask Stanford



ROTERA POINT

5th 0800
 to 6th 0800
 313 Jan 5
 317.5 6
 315.5 7
 302. 8
 342 9
 252 10
 245 11
 259 12
 227.5 13
 292 14
 271.5 15
 312.7 16
 206 17

Distances
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Weather Summary
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 Jones

Mr. Miller:

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 Commander - U.S. Naval Sup-
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 OX-6-7146 } = 6-7146

